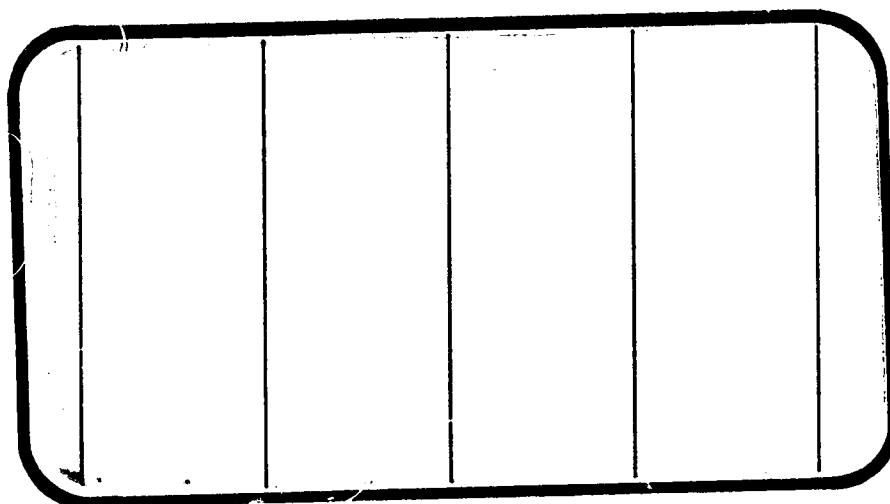




NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

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(NASA-CR-141524) RESULTS OF AN
INVESTIGATION ELEVON HINGE MOMENTS AND DUAL
PANEL ELEVON EFFECTIVENESS USING AN
.0405-SCALE MODEL (16-0) OF THE
CONFIGURATION 140C SPACE SHUTTLE ORBITER IN G3/18

N75-21349

Unclas
20086

SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT

JOHNSON SPACE CENTER

HOUSTON, TEXAS

DATA MANAGEMENT services

SPACE DIVISION  CHRYSLER
CORPORATION

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RESULTS OF AN INVESTIGATION OF ELEVON HINGE MOMENTS
AND DUAL PANEL ELEVON EFFECTIVENESS USING
AN .0405-SCALE MODEL (16-0) OF THE CONFIGURATION
140C SPACE SHUTTLE ORBITER IN THE
ROCKWELL INTERNATIONAL NAAL LOW SPEED WIND TUNNEL
(OA119B)

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Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number: NAAL 730
NASA Series Number: OA119B
Model Number: 16-0
Test Dates: 22 August through 6 September 1974
Occupancy Hours: 100

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Chrysler Corporation Space Division assumes no responsibility for the data presented other than display characteristics.

RESULTS OF AN INVESTIGATION OF ELEVON HINGE MOMENTS AND DUAL PANEL
ELEVON EFFECTIVENESS USING AN .0405-SCALE MODEL (16-0) OF
THE CONFIGURATION 140C SPACE SHUTTLE ORBITER IN THE
ROCKWELL INTERNATIONAL NAAL LOW SPEED WIND TUNNEL (OA119B)

ABSTRACT

Experimental aerodynamic investigations were conducted on a sting mounted .0405-scale representation of the 140C outer mold line Space Shuttle Orbiter in the Rockwell International 7.75 x 11.00 foot low speed wind tunnel during the time period from August 22, 1974 to September 6, 1974. The NASA designation for this test period was OA119B.

The primary test objectives were to define dual panel elevon/aileron effectiveness and to investigate elevon hinge-moments for the 140C Orbiter configuration with wing/elevon upper hingeline sealing "flapper" doors. The elevon parametric variations, consisting of the basic elevons with 6 inch gaps and flapper doors, elevons with no flapper doors and completely open upper hingeline gap, and an entirely sealed "solid" elevon, were tested with elevon deflections from $+20^\circ$ to -35° at various aileron deflections (see collation sheets).

For this test period aerodynamic force and moment data were measured in the body axis system by a 2.5 inch Task type internal strain gage balance. The model was sting supported through the base region with a nominal angle of attack range of $-10^\circ \leq \alpha \leq +24^\circ$. Yaw polars were recorded over the sideslip angle range of $-5^\circ \leq \beta \leq +11^\circ$ at alpha angles of 0° , 5° , 10° , 15° , and 20° .

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CLF versus CLM
- (B) CLF, CDF, CN, CLM, CAF, CAB, L/DF, XCP/L versus ALPHA
CLF versus CDF
CLF versus CLM
CHMEO, CHMEI versus ALPHA
- (C) CLF, CDF, CN, CLM, CAF, CAB, L/DF, XCP/L versus ALPHA
CLF versus CDF
CLF versus CLM
CY, CYN, CBL versus ALPHA
- (D) CY, CYN, CBL versus ALPHA
- (E) CY, CYN, CBL, CHMEO, CHMEI versus ALPHA

NOMENCLATURE
General

<u>SYMBOL</u>	<u>PLOT SYMBOL</u>	<u>DEFINITION</u>
a		speed of sound; m/sec, ft/sec
C_p	CP	pressure coefficient; $(p_1 - p_\infty)/q$
M	MACH	Mach number; V/a
p		pressure; N/m^2 , psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$, N/m^2 , psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m^3 , slugs/ft ³

Reference & C.G. Definitions

A_b		base area; m^2 , ft^2
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
$\frac{l}{c}_{REF}$	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m^2 , ft^2
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
∞	free stream

NOMENCLATURE (Continued)

Body-Axis System

<u>SYMBOL</u>	<u>PLOT SYMBOL</u>	<u>DEFINITION</u>
C_N	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
C_A	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_{A_b}	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(P_b - P_\infty)/qS$
C_{A_f}	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
C_m	CIM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS L_{REF}}$
C_n	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS b}$
C_l	CBL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS b}$

Stability-Axis System

C_L	CL	lift coefficient; $\frac{\text{lift}}{qS}$
C_D	CD	drag coefficient; $\frac{\text{drag}}{qS}$
C_{D_b}	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
C_{D_f}	CDF	forebody drag coefficient; $C_D - C_{D_b}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_m	CIM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS L_{REF}}$
C_n	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS b}$
C_l	CCL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS b}$
L/D	L/D	lift-to-drag ratio; C_L/C_D
L/D_f	L/DF	lift to forebody drag ratio; C_L/C_{D_f}

NOMENCLATURE
Additions to Standard List

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Description</u>
A_B		model base area, excluding sting cavity, ft^2
A_{BC}		model sting/balance cavity area, ft^2
C_{A_B}	CAB	model base axial force coefficient, calculated with A_B
$C_{A_{BC}}$		model sting/balance cavity axial force coefficient, calculated with A_{BC}
C_{A_u}		balance uncorrected axial force coefficient
C_{A_τ}		model weight tare axial force coefficient
\bar{c}_e		elevon panel MAC, in
$C_{H_{EI}}$	CHMEI	inboard elevon hinge-moment coefficient
$C_{H_{EO}}$	CHMEO	outboard elevon hinge-moment coefficient
E_{IL}	ELV-LI	left inboard elevon panel
E_{IR}	ELV-LR	right inboard elevon panel
E_{ITRIM}	EITRIM	Inboard elevon trim position, deg.
E_{OL}	ELV-LO	left outboard elevon panel
E_{OR}	ELV-RO	right outboard elevon panel
E_{OTRIM}	EOTRIM	outboard elevon trim position, deg.
$P_{B1....8}$		base pressure at stations 1.....8, respectively, psia

NOMENCLATURE (Concluded)
Additions to Standard List

P_{BC}		sting/balance cavity pressure, psia
S_e		elevon panel reference area, ft ²
XCP/LB	XCP/L	model longitudinal center of pressure location, percent of body length
δ_a	AILRON	aileron deflection, deg.
δ_{BF}	BDFLAP	body flap deflection, deg.
δ_e	ELEVON	elevon deflection, deg.
δ_R	RUDDER	rudder deflection, deg.
δ_{SB}	SPDBRK	speed brake deflection, deg.
C_{L_f}	CLF	forebody lift coefficient.

CONFIGURATION INVESTIGATED

The model provided for test period 0A119B was an .0405-scale representation of the current 140C Space Shuttle Outer Mold Line Configuration. The basic model was of the blended wing-body design utilizing a double delta wing ($75^\circ/45^\circ \Lambda_{LE}$), full span, dual panel elevons (unswept hingeline), a centerline vertical tail with rudder and/or speed brake deflection capability, a canopy, a body flap, and an orbital maneuvering system (OMS) mounted on the aft fuselage sidewalls adjacent to the vertical tail. Also included for this low speed investigation were wing/elevon gap sealing "flapper" doors and a strain gage instrumented left wing dual panel elevon, (see Data Reduction Section).

For this test period the following nomenclature was used to designate the various model components:

<u>Component</u>	<u>Definition</u>
B ₆₂	140C Orbiter fuselage
C ₁₂	140C Orbiter canopy
E ₄₅	140C Orbiter dual panel elevon, no flapper door, 6" gaps, upper hingeline sealed (not tested)
E ₅₅	140C Orbiter dual panel elevon, with flapper door, 6" gaps
E ₅₆	140C Orbiter dual panel elevon, with flapper doors, all gaps sealed
E ₅₇	140C Orbiter dual panel elevon, with flapper doors, 6" gaps sealed
E ₅₈	140C Orbiter dual panel elevon, with flapper doors, 6" gaps, upper and lower hingeline gap sealed

CONFIGURATION INVESTIGATED (Concluded)

E ₅₉	140C Orbiter dual panel elevon with flapper doors, 6" gaps, lower hingeline sealed
E ₆₀	140C Orbiter dual panel elevon, no flapper door, 6" gaps, hingeline unsealed
F ₁₀	140C Orbiter body flap
M ₇	140A/B Orbiter "long" OMS pods
M ₁₆	140C Orbiter "Short" OMS pods
N ₂₈	140A/B and 140C OMS nozzles
R ₅	140C Orbiter "solid" rudder
R ₁₉	140C Orbiter rudder with 0.5" gaps and 30° bevel between panels
V ₈	140C Orbiter centerline vertical tail
W ₁₂₇	140C Orbiter double delta wing
X ₉	Transition grit located on Orbiter fuselage nose, wings, and vertical tail
X ₃₂	Transition grit, same as X ₃₄ except alternate OMS pods grit location
X ₃₃	Transition grit, same as X ₃₄ except alternate OMS pods grit location
X ₃₄	Transition grit, same as X ₉ except grit is also on OMS pod

TEST FACILITY DESCRIPTION

North American Aerodynamics Laboratory (NAAL) 7.75 x 11-Foot Wind Tunnel is a continuous flow, closed circuit, single return tunnel capable of speeds up to 200 miles per hour.

The test section is vented to atmospheric pressure and is 7.75 x 11 feet wide and 12 feet long. Power is supplied by a 1250-horsepower nacelle-mounted synchronous motor driving a 19-foot, seven-blade, laminated birch propeller. Airspeed is controlled by using a magnetic clutch to vary the degree of coupling between the motor and propeller. Turbulence is minimized by a damping screen and a honeycomb section in the settling chamber upstream from the contraction cone (ratio 7.53 to 1).

Tests may be conducted using a variety of mounting systems: single strut, double strut, sting strut, reflection plane, cable suspension, or two-dimensional wall. Aerodynamic data may be measured by a planar type external balance system or sting-mounted internal balances. An Astrodata Automatic Data Acquisition System collects, multiplexes, digitizes, and records on magnetic tape 50 channels of force or pressure data or both. Data are then reduced and plotted using automatic data processing equipment and an automatic digital plotter.

The NAAL Wind Tunnel has been operating since June 1943. Calibrations are available over a wide range of test conditions.

DATA REDUCTION

The aerodynamic force and moment data presented in this report were measured by the Task Corporation 2.5 inch MK IX Internal Strain Gage Balance. The data have been corrected for model base and balance chamber pressure effects, model blockage influence on test section dynamic pressure, wall interference effects on model aerodynamic coefficients, model sting support and balance deflections, and model static weight tare.

Base and balance chamber pressure effects corrections were accomplished in the following manner:

$$C_{A_F} = C_{A_u} - C_{A_{BC}} - C_{A_B} - C_{A_\tau}$$

where C_{A_u} = balance uncorrected axial force coefficient

$$C_{A_{BC}} = - \left(\frac{P_{BC} - P_\infty}{q} \right) \left(\frac{A_{BC}}{S} \right)$$

$$C_{A_B} = - \left(\frac{P_B - P_\infty}{q} \right) \left(\frac{A_B}{S} \right), \quad P_B = 1/8 (P_{B1} + \dots + P_{B8})$$

C_{A_τ} = model axial force static weight tare coefficient

All other corrections to the presented data utilized standard wind tunnel methods and equations.

Inboard and outboard left wing elevon panel hinge-moments were measured by single beam strain gages and were reduced to coefficient form in the following manner:

$$C_{H_{EO}} = HMEO/qS_e C_e$$

DATA REDUCTION (Concluded)

$$C_{H_{EI}} = HMEI/qS_e C_e$$

where HMEO = Left wing outb'd elevon hinge-moment, in-lbs

HMEI = Left wing inb'd elevon hinge-moment, in-lbs

S_e = Elevon reference area, ft^2

C_e = Elevon reference chord, inches

The following reference dimensions and model constants were used to reduce all aerodynamic and pressure data to coefficient form:

<u>Symbol</u>	<u>Definition</u>	<u>Full Scale</u>	<u>Model Scale</u>
A_B	Area of model base, ft^2 (not including A_{BC})		0.5885
A_{BC}	Area of balance cavity, ft^2		0.0985
b_w	Wing span, in.	936.68	37.9356
C_e	Elevon reference chord, in.	90.70	3.6734
C_w	Wing reference chord, in.	474.81	19.2300
XCG	Reference C.G., in. aft of $X_0=235$ fus. sta.	1076.68	43.6055
YCG	reference C.G., butt. plane	0.0	0.0
ZCG	reference C.G., waterplane	375.00	15.1875
LB	Length Orbiter fuselage, in.	1290.30	52.2572
S_e	Elevon reference area, ft^2	210.00	0.3445
S	Wing reference area, ft^2	2690.00	4.4123

TABLE I.

[illegible]

TABLE II.

TEST: NAVAL 730 - DA119B										DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 9/18/74	
DATA SET IDENTIFIER		CONFIGURATION		SCHD.		ELEVON				PARAMETERS/VALUES				NO. OF RUNS		MACH NUMBERS					
				α β		$\Delta\phi$ LI RI R ϕ				df DR				dsb							
KF9001		① + F55X9		A	0	0	0	0	0	0	0	0	0	0	25	1	.20	.26			
002				0	F													1			
003				5														2			
004				10														3			
007				10														4			
005				15														7			
006				20														5			
008				A	0								11.7					6			
009		② + F55X9																8			
010													0					9			
011				0	F													10			
012				5														11			
013				10														12			
014				15														13			
015				20														14			
016		② + F56X9		A	0													15			
017													11.7					16			
018		② + M1N28E56X9																17			
019																		18			

TEST RUN NUMBERS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

CHANEL 1 CH2 EC CLN CN

CAE CYN CBL CY XCP/L CAB MACH BETA

ALPHA

$\alpha(A) = -10^\circ \rightarrow +24^\circ$

$\Delta\alpha = 25.8$

$\beta(F) = -5.3 - 2.1 0.1 2.3 5.7 9.11^\circ$

α OR β

SCHEDULES

① = B62 C12 M16 N28 F10 W127

② = B63 C12 F10 W127

TABLE II. - Continued.

TEST : NAAL 730 - DA119B

DATE : 9/13/74

DATA SET / RUN NUMBER COLLATION SUMMARY

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		ELEVON					PARAMETERS/VALUES					NO. OF RUNS	MACH NUMBERS	
		α	β	$L\phi$	$L\dot{\phi}$	$R\dot{\phi}$	$d\dot{\phi}$	$d\phi$	$d\phi$	$d\phi$	$d\phi$	$d\phi$	$d\phi$			
RF9019	② + 177 N28 E56 X9	A	0	0	0	0	0	0	0	0	0	0	1	20	26	
020	② + 177 N28 E55 X9	1	1												19	
021		0	F												20	
022		5													21	
023		10													22	
024		15													24	
025		20	1												25	
026	② + 177 N28 E55 X29	A	0												26	
027	② + 177 N28 E55 X9														27	
028	① + 255 X29														28	
029	① + 255 X9														29	
030															30	
031	① + 255 X9														31	
032		0	F												32	
033		5													33	
034		10													34	
035		15													35	
036		20													36	

71319253137434955616773

71319253137434955616773

71319253137434955616773

CHINA ALPHA

① = B62C12 M16 N28 F10 W127
② = B62C12

VERS
VERS

α OR β
SCHEDULES

α(H) = -10° → 24° ΔH = 2°
β(F) = -5.3, -2.1, 0.1, 2.5, 5.7, 7.1

TABLE II. - Continued.

TEST: NAAL 730 - 0A119B

DATE: 9/18/74

DATA SET/RUN NUMBER COLLATION SUMMARY

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		ELEVON										PARAMETERS/VALUES				NO. OF RUNS	MACH NUMBERS							
		α	β	1	2	3	4	5	6	7	8	9	10	11	12	13	14		15	16	17	18	19	20	21	22
R19037	① + E55 X9	A	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
C38		O	F																							
C39		S																								
C40		10																								
C41		15																								
C42		20																								
C43		A	O																							
C44		O	F																							
C45		S																								
C46		10																								
C47		15																								
C48		20																								
C49		A	O																							
C50				10	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
C51					10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
C52	① + E56 X9																									
C53																										
C54	② + M7N25 E56 X9																									

ALPHA

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SCHEDULES

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TABLE II. - Continued.

TEST : NAAL 730 - DA119B										DATE : 9/18/74									
DATA SET / RUN NUMBER COLLATION SUMMARY																			
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		ELEVON						PARAMETERS/VALUES				NO. OF RUNS	MACH NUMBERS				
		α	β	AP	LI	RI	RP	JF	CR	LSB	.20	.26							
RF9055	② + M7N28E56X9	A	0	0	10	10	10	10	0	0	25	1							
056	② + M7N28E55X9																		
057																			
095																			
099																			
096	② + M7N28E56X9																		
077																			
094	① + E56X9																		
015																			
092	① + E55X9																		
071																			
081																			
082																			
083																			
084																			
085																			
086																			
078																			
		7	13	19	25	31	37	43	49	55	61	67	73	79					
										COEFFICIENTS									
										SCHEDULES									
										① = B62C12M16N28F10W127 VERS									
										② = B62C12 F10N127 VERS									

TABLE II. - Continued.

TEST: NAAL 73D - 0A1196										DATE: 9/15/74									
DATA SET / RUN NUMBER COLLATION SUMMARY																			
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		ELEVON					PARAMETERS/VALUES					NO. OF RUNS	MACH NUMBERS				
		α	β	L4	L1	LI	RI	RQ	df	dr	ds	dt	du						
RF9077	① + ESSX9	A	0	20	20	20	20	0	0	0	25	1	20	26					
079							0							77					
080							0							79					
087	① + ESSX7													80					
088	① + ESSX9													87					
089	① + ESSX32													88					
090	① + ESSX33													89					
093	① + ESSX9			+10	+10	+10	+10		71.7					90					
100				0				0	0					93					
101				+20										100					
102								+20						101					
103				+5				+5						102					
104					+5	+5								103					
105					+5	+5								104					
106				+5				+5						105					
107									71.7					106					
108									0					107					
109				+5										108					
														109					
TEST RUN NUMBERS															61	67	73	79	
CHMEL-CHMEL-CHMEL-CHMEL-CHMEL-CHMEL-CHMEL-CHMEL-CHMEL-CHMEL-CHMEL-CHMEL-CHMEL-CHMEL															ALPHA 110				
COEFFICIENTS															① = B22C2 M6 N25 F10 W17	② = B22C2 F10 W17			
SCHEDULES															① = B22C2 M6 N25 F10 W17	② = B22C2 F10 W17			

TABLE II. - Continued.

TEST: NAAL 730 - 0A119E										DATE: 9/18/74									
DATA SET/RUN NUMBER COLLATION SUMMARY																			
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		ELEVON					PARAMETERS/VALUES					NO. OF RUNS	MACH NUMBERS				
		A	B	L	I	R	R	J	DR	LSB									
RE 9110	① + ESSX9	A	0	+10	+15	+15	-10	0	0	25	1		.20	.26					
111														110					
112														111					
113		0	F										112						
114		5											113						
115		10											114						
116		15											115						
117		20											116						
118		A	0										117						
119		0	F										118						
120		5											119						
121		1											120						
122		15											121						
123		1											122						
124		A	0					11.7					123						
125	② + M7N23F55X9												124						
126													125						
127				+5	+5	+5	+5	0					126						
													127						
										TEST RUN NUMBERS									

TABLE II. - Continued.

TEST: NAAL 730 - DA119B										DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 9/18/74							
DATA SET IDENTIFIER		CONFIGURATION		SCHD.		ELEVATION				PARAMETERS/VALUES				NO. OF RUNS		MACH NUMBERS											
REF 9123	② + M7N28ESSX9	A	0	+5	+5	+5	+5	11.7	0	0	0	0	0	1	120	126											
129	① + ESSX9														128												
130															129												
131				+10	+10	+10	+10								130												
132								11.7							131												
133	② + M7N28ESSX9														132												
134															133												
135				+15	+15	+15	+15								134												
136								11.7							135												
137	① + ESSX9														136												
138															137												
139				+20	+20	+20	+20								138												
140								11.7							139												
141	② + M7N28ESSX9														140												
142															141												
143	① + ESSX9														142												
144	① + ESSX9			0											143												
145	① + ESSX9			+20											144												
															145												
																67	61	55	49	43	37	31	25	19	13	7	25.76
																MACH. ALPHA 1.0										IDVAR 12.1 NDV	
																CAB. 1XGR/L										IDVAR 12.1 NDV	
																CAB. 1XGR/L										IDVAR 12.1 NDV	
																CAB. 1XGR/L										IDVAR 12.1 NDV	
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																CAB. 1XGR/L										IDVAR 12.1 NDV	
																CAB. 1XGR/L										IDVAR 12.1 NDV	
																CAB. 1XGR/L										IDVAR 12.1 NDV	
																CAB. 1XGR/L											

TABLE II. - Continued.

TEST: NAAL 730 - 0A1198		DATA SET/RUN NUMBER COLLATION SUMMARY															DATE: 9/18/74																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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146	① + ESS X9	A	0	0	+20	+20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0</

TABLE II. - Continued.

TEST: NAAL 730 - 0A119B										DATE: 9/18/74									
DATA SET / RUN NUMBER COLLATION SUMMARY																			
DATA SET IDENTIFIER		CONFIGURATION		SCHD.		KLEVDN		PARAMETERS/VALUES				NO. OF RUNS		MACH NUMBERS					
RF9164	① + ESSX9	A	0	-30	-20	-20	-10	0	0	0	0	1	164						
165				-10									165						
166				-20			-20						166						
167	① + ESSX9												167						
168	① + ESSX9				-10	-10							168						
169				-10			-10						169						
170				0			0						170						
171				-5			-5						171						
172					-5	-5							172						
173				-10			-10						173						
174				0	+15	+15	0						174						
175					-20	-20							175						
176				-10			+10						176						
177				-20		+20	+20						177						
178					-5	-5	0						178						
179					-10	-10							179						
180				-15			+5						180						
181				+10			-10						181						
TEST RUN NUMBERS																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32				
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48				
49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64				
65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80				
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96				
97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112				
113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128				
129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144				
145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160				
161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176				
177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192				
193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208				
209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224				
225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240				
241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256				
257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272				
273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288				
289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304				
305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320				
321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336				
337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352				
353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368				
369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384				
385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400				
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416				
417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432				
433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448				
449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464				
465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480				
481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496				
497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512				
513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528				
529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544				
545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560				
561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576				
577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592				
593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608				
609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624				
625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640				
641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656				
657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672				
673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688				
689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704				
705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720				
721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736				
737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752				
753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768				
769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784				
785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800				
801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816				
817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832				
833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848				
849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864				
865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880				
881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896				
897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912				
913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928				
929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944				
945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960				
961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976				
977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992				
993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008				
1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024				
1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040				
1041	1042	1043	1044	1045	1046	1047	1048	1049											

TABLE II. - Continued.

TEST: NAAR-730 - 0A119A

DATE: 9/18/74

DATA SET/RUN NUMBER COLLATION SUMMARY

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES					NO. OF RUNS	MACH NUMBERS			
		α	β	E	L	R	I	R		D	α	β	
182	① + ESSX9	A	0	+5	-10	-10	-5	0	0	25	1	182	
183				-10			-30					183	
184					+10							184	
185							-10					185	
186				+10			+10					186	
187				0			0					187	
188				-10	-10	0						188	
189				0	+20							189	
190					0							190	
191	① + ES9X9											191	
192	① + EL0X9											192	
193	① - ESSX9			+10	+5	+20						193	
194					+5							194	
195				+10	+20	0	-10					195	
196					0	0	0			35		196	
197		0	F									197	
198		5										198	
199		10										199	

TEST RUN NUMBERS

75 76 67 61 55 49 43 37 31 25 19 13 7

ALPHA

1.0

MACH

1.0

1.0

1.1

1.2

1.3

1.4

1.5

1.6

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2.0

2.1

1.0

1.1

1.2

1.3

1.4

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1.9

2.0

2.1

1.0

1.1

1.2

1.3

1.4

1.5

1.6

1.7

1.8

1.9

2.0

2.1

1.0

1.1

1.2

1.3

1.4

1.5

1.6

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2.1

1.0

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TABLE II. - Concluded.

TEST: NAVAL 730 - 041198										DATE: 9/18/74									
DATA SET/RUN NUMBER COLLATION SUMMARY																			
DATA SET IDENTIFIER		CONFIGURATION		SCHD.		PARAMETERS/VALUES										NO. OF RUNS		MACH NUMBERS	
101		101		101		101										101		101	
102		102		102		102										102		102	
103		103		103		103										103		103	
104		104		104		104										104		104	
105		105		105		105										105		105	
106		106		106		106										106		106	
107		107		107		107										107		107	
108		108		108		108										108		108	
109		109		109		109										109		109	
110		110		110		110										110		110	
111		111		111		111										111		111	
112		112		112		112										112		112	
113		113		113		113										113		113	
114		114		114		114										114		114	
115		115		115		115										115		115	
116		116		116		116										116		116	
117		117		117		117										117		117	
118		118		118		118										118		118	
119		119		119		119										119		119	
120		120		120		120										120		120	
121		121		121		121										121		121	
122		122		122		122										122		122	
123		123		123		123										123		123	
124		124		124		124										124		124	
125		125		125		125										125		125	
126		126		126		126										126		126	
127		127		127		127										127		127	
128		128		128		128										128		128	
129		129		129		129										129		129	
130		130		130		130										130		130	
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256		256		256		256										256		256	
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258		258		258		258										258		258	
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263		263		263		263										263		263	
264		264		264		264										264		264	
265		265		265		265										265		265	
266		266		266		266										266		266	
267		267		267		267										267		267	
268		268		268		268										268		268	
269		269		269		269										269		269	
270		270		270		270										270		270	
271		271		271		271										271		271	

CHANNEL CHMEO CLM ... CN ... CAF ... CYN ... CBL ... CY ... XCB ... L ... CAB ... MACH ... BETA ...
 ALPHA
 A (A) = -10° → +24° Ad = 2°
 A (E) = -5, -3, -2, -1, 0, 1, 2, 3, 4, 5, 7, 9, 11°
 SCHEDULES
 ① = B62C12 M16 N23 F01 N27 F02 R5
 ② = B62C12 F01 N27 F02 R5
 ③ = B62C12 M16 N23 F01 N27 F02 R5

TABLE III MODEL DIMENSIONAL DATA

MODEL COMPONENT : BODY - B62GENERAL DESCRIPTION : Configuration 140C orbiter fuselage, MCR 200-R4.

Similar to 140A/B fuselage except aft body revised and improved midbody-
wing-boot fairing, $X_0 = 940$ to $X_0 = 1040$.

MODEL SCALE: 0.0405

DRAWING NUMBER : VL70-000140C, VL70-000202C, VL70-000205A
VL70-000200B, VL70-000203

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (TML: Fwd Sta $X_0 = 234$), In.	1290.3	52.257
Length (OML: Fwd Sta $X_0 = 235$), In.	1293.3	52.379
Max Width (@ $X_0 = 1528.3$), In.	264.0	10.692
Max Depth (@ $X_0 = 1464$), In.	250.0	10.125
Fineness Ratio	4.899	4.899
Area - Ft. ²		
Max. Cross-Sectional	340.802	0.559
Planform		
Wetted		
Base		

TABLE III (CONT'D)

MODEL COMPONENT : CANOPY - C12GENERAL DESCRIPTION : Configuration 140C orbiter canopy, vehicle
cabin No. 31 updated to MCR 200-R4. Used with fuselage R42.MODEL SCALE: 0.0405DRAWING NUMBER : VL70-000140C, VL70-000202B, VL70-000204

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length ($X_0 = 134.643$ to 578), In.	<u>143.357</u>	<u>5.806</u>
Max Width (@ $X_0 = 513.127$), In.	<u>152.420</u>	<u>6.173</u>
Max Depth (@ $Z_0 = 501$ to 449.39), In.	<u>51.61</u>	<u>2.090</u>
Fineness Ratio	<u> </u>	<u> </u>
Area	<u> </u>	<u> </u>
Max. Cross-Sectional	<u> </u>	<u> </u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE III (CONT'D)

MODEL COMPONENT: ELEVON - E₅₅GENERAL DESCRIPTION: Configuration 140C dual panel elevon. Elevon hinge-
line at $X_o = 1387$. Elevon split line at $Y_o = 281$ to 312.5 . Upper wing/
elevon gap sealed by flipper doors.MODEL SCALE: 0.0405DRAWING NUMBER: VL70-000140C, VL70-006089, VL70-000200B, VL70-006092

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft ²	<u>209.72</u>	<u>0.344</u>
Span (equivalent), In.	<u>349.20</u>	<u>14.143</u>
Inb'd equivalent chord, In.	<u>118.00</u>	<u>4.779</u>
Outb'd equivalent chord, In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.0</u>	<u>0.0</u>
Tailing Edge	<u>- 10.056</u>	<u>- 10.056</u>
Hingeline	<u>0.0</u>	<u>0.0</u>
Area Moment (Product of area & \bar{c}), Ft ³	<u>1586.63</u>	<u>0.1054</u>
Mean Aerodynamic Chord, In.	<u>90.70</u>	<u>3.673</u>

TABLE III (CONT'D)

MODEL COMPONENT: ELEVON - E₅₆

GENERAL DESCRIPTION: Configuration 140C dual panel elevon. Elevon hinge-
line at $X_0 = 1387$. Elevon split line at $Y_0 = 281$ to 312.5 . All elevon/
wing, elevon/elevon, and elevon/fuselage gaps are sealed. Elevon duplicates
solid no-gap construction.
 MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000140C, -006089, -000200B, -006092

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft^2	<u>209.72</u>	<u>0.344</u>
Span (equivalent), In.	<u>349.20</u>	<u>14.143</u>
Inb'd equivalent chord, In.	<u>118.00</u>	<u>4.779</u>
Outb'd equivalent chord, In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.0</u>	<u>0.0</u>
Tailing Edge	<u>- 10.056</u>	<u>- 10.056</u>
Hingeline	<u>0.0</u>	<u>0.0</u>
Area Moment (Product of area & \bar{x}), Ft^3	<u>1586.63</u>	<u>0.1054</u>
Mean Aerodynamic Chord, In.	<u>90.70</u>	<u>3.673</u>

TABLE III (CONT'D)

MODEL COMPONENT: ELEVON - E₅₇

GENERAL DESCRIPTION: Configuration 140C dual panel elevon. Elevon hinge-
line at $X_o = 1387$. Elevon split line at $Y_o = 281$ to 312.5 . The elevon/
elevon and elevon/fuselage gaps are sealed.

MODEL SCALE: 0.0405DRAWING NUMBER: VL70-000140 C, -006089, -000200B, -006092

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft^2	<u>209.72</u>	<u>0.344</u>
Span (equivalent), In.	<u>349.20</u>	<u>14.143</u>
Inb'd equivalent chord, In.	<u>118.0</u>	<u>4.779</u>
Outb'd equivalent chord, In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.0</u>	<u>0.0</u>
Tailing Edge	<u>- 10.056</u>	<u>-10.056</u>
Hingeline	<u>0.0</u>	<u>0.0</u>
Area Moment (Product of area & \bar{c}), Ft^3	<u>1586.63</u>	<u>0.1054</u>
Mean Aerodynamic Chord, In.	<u>90.70</u>	<u>3.673</u>

TABLE III (CONT'D)

MODEL COMPONENT: ELEVON - E58

GENERAL DESCRIPTION: Configuration 140C dual panel elevon. Elevon hinge-
line at $X_0 = 1387$, elevon split line at $Y_0 = 281$ to 312.5. The upper and
lower elevon/wing gaps are sealed.

MODEL SCALE: 0.0405

DRAWING NUMBER:

VL70-000140C, -006089, -006092, -000200BDIMENSIONS:

	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft^2	<u>209.72</u>	<u>0.344</u>
Span (equivalent), In.	<u>349.20</u>	<u>14.143</u>
Inb'd equivalent chord, In.	<u>118.0</u>	<u>4.779</u>
Outb'd equivalent chord, In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.00</u>	<u>0.00</u>
Tailing Edge	<u>- 10.056</u>	<u>- 10.056</u>
Hingeline	<u>0.0</u>	<u>0.0</u>
Area Moment (Product of area & \bar{c}), Ft^3	<u>1586.63</u>	<u>0.1054</u>
Mean Aerodynamic Chord, In.	<u>90.70</u>	<u>3.673</u>

TABLE III (CONT'D)

MODEL COMPONENT: ELEVON - E59

GENERAL DESCRIPTION: Configuration 140C dual panel elevon. Elevon hinge-
line at X = 1387. elevon split line at Y = 281 to 312.5. The lower elevon/
wing gap is sealed.

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000140C, -000200B, -006089, -006092

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft ²	<u>209.72</u>	<u>0.344</u>
Span (equivalent), In.	<u>349.20</u>	<u>14.143</u>
Inb'd equivalent chord, In.	<u>118.00</u>	<u>4.779</u>
Outb'd equivalent chord, In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.0</u>	<u>0.0</u>
Tailing Edge	<u>- 10.056</u>	<u>- 10.056</u>
Hingeline	<u>0.0</u>	<u>0.0</u>
Area Moment (Product of area & \bar{c}), Ft ³	<u>1586.63</u>	<u>0.1054</u>
Mean Aerodynamic Chord, In.	<u>90.70</u>	<u>3.673</u>

TABLE III (CONT'D)

MODEL COMPONENT: ELEVON - E₆₀

GENERAL DESCRIPTION: Configuration 140C dual panel elevon. Elevon hinge-
line at X₀ = 1287. Elevon split line at Y₀ = 281 to 312.5. Upper elevon/
wing gap sealing flipper doors are removed.

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000140C, -000200B, -006089, -006092

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft ²	<u>209.72</u>	<u>0.344</u>
Span (equivalent) , In.	<u>349.20</u>	<u>14.143</u>
Inb'd equivalent chord, In.	<u>118.00</u>	<u>4.779</u>
Outb'd equivalent chord , In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.0</u>	<u>0.0</u>
Tailing Edge	<u>- 10.056</u>	<u>- 10.056</u>
Hingeline	<u>0.0</u>	<u>0.0</u>
Area Moment (Product of area & \bar{c}) Ft ³	<u>1586.63</u>	<u>0.1054</u>
Mean Aerodynamic Chord, In.	<u>90.70</u>	<u>3.673</u>

TABLE III (CONT'D)

MODEL COMPONENT : BODY FLAP - F₁₀GENERAL DESCRIPTION : Configuration 140C body flap. Hingeline
located at $X_0 = 1532$, $Z_0 = 287$.MODEL SCALE: 0.0405DRAWING NUMBER : VL70-000140C. VL70-35511A

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length ($X_0=1525.5 - X_0= 1613$), In.	<u>87.50</u>	<u>3.544</u>
Max Width (@ L.E., $X_0 = 1525.5$), In.	<u>256.00</u>	<u>10.368</u>
Max Depth ($X_0 = 1532$), In.	<u>19.802</u>	<u>0.802</u>
Fineness Ratio	<u> </u>	<u> </u>
Area - Ft ²	<u> </u>	<u> </u>
Max. Cross-Sectional (@ H.L.)	<u>35.360</u>	<u>0.058</u>
Planform	<u>134.736</u>	<u>0.221</u>
Wetted	<u> </u>	<u> </u>
Base ($X_0 = 1613$)	<u>4.89</u>	<u>0.008</u>

TABLE III (CONT'D)

MODEL COMPONENT : ORBITAL MANEUVERING SYSTEM - M₇GENERAL DESCRIPTION : Configuration 140A 'B orbiter OMS/RCS pods.MODEL SCALE: 0.0405DRAWING NUMBER : VL70-000145

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta $X_0 = 1233.0$), In.	<u>327.00</u>	<u>13.244</u>
Max Width (@ $X_0 = 1450.0$), In.	<u>94.50</u>	<u>3.827</u>
Max Depth (@ $X_0 = 1493.0$), In.	<u>109.000</u>	<u>4.415</u>
Fineness Ratio	<u> </u>	<u> </u>
Area	<u> </u>	<u> </u>
Max. Cross-Sectional	<u> </u>	<u> </u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE III (CONT'D)

MODEL COMPONENT : ORBITAL MANEUVERING SYSTEM - M₁₆GENERAL DESCRIPTION : Configuration 140C orbiter OM3 pod --
short pod.MODEL SCALE: 0.0405DRAWING NUMBER : VL70-008401, VL70-008410

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta $X_0=1310.5$), In.	<u>258.50</u>	<u>10.469</u>
Max Width (@ $X_0 = 1511$), In.	<u>136.8</u>	<u>5.540</u>
Max Depth (@ $X_0 = 1511$), In.	<u>74.70</u>	<u>3.025</u>
Fineness Ratio	<u>2.184</u>	<u>2.184</u>
Area - Ft ²	<u> </u>	<u> </u>
Max. Cross-Sectional	<u>59.137</u>	<u>0.097</u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE III (CONT'D)

MODEL COMPONENT: OMS NOZZLES - N28GENERAL DESCRIPTION: Configuration 140A/B orbiter OMS nozzlesMODEL SCALE: 0.0405DRAWING NUMBER: VL70-000140A (Location), SS-A00106, Rel. 5 (Contour)

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
MACH NO.		
Length - In.		
Gimbal Point to Exit Plane		
Throat to Exit Plane		
Diameter - In.		
Exit		
Throat		
Inlet		
Area - ft ²		
Exit		
Throat		
Gimbal Point (Station) - In.		
Left Nozzles		
X ₀	<u>1518.0</u>	<u>61.479</u>
Y ₀	<u>- 88.0</u>	<u>- 3.564</u>
Z ₀	<u>492.0</u>	<u>19.926</u>
Right Nozzles		
X ₀	<u>1518.0</u>	<u>61.479</u>
Y ₀	<u>88.0</u>	<u>3.564</u>
Z ₀	<u>492.00</u>	<u>19.926</u>
Null Position - Deg.		
Left Nozzles		
Pitch	<u>15°49'</u>	<u>15°49'</u>
Yaw	<u>12°17'</u>	<u>12°17'</u>
Right Nozzles		
Pitch	<u>15°49'</u>	<u>15°49'</u>
Yaw	<u>12°17'</u>	<u>12°17'</u>

TABLE III (CONT'D)

MODEL COMPONENT: RUDDER - R₅GENERAL DESCRIPTION: Configuration 140C orbiter rudder used on centerline vertical tail V₀. 30° bevel and 0.5" gaps between rudder panels has been sealed. Duplicates solid rudder.MODEL SCALE: 0.0405DRAWING NUMBER: VL70-000146 R. VL70-000095

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft ²	<u>100.17</u>	<u>0.1643</u>
Span (equivalent). In.	<u>201.0</u>	<u>8.141</u>
Inb'd equivalent chord, In.	<u>91.580</u>	<u>3.709</u>
Outb'd equivalent chord, In.	<u>50.840</u>	<u>2.059</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.83</u>	<u>34.83</u>
Tailing Edge	<u>26.25</u>	<u>26.25</u>
Hingeline	<u>34.83</u>	<u>34.83</u>
Area Moment (Product of area & \bar{c}) .Ft ³	<u>611.17</u>	<u>0.0406</u>
Mean Aerodynamic Chord, In.	<u>73.2</u>	<u>2.965</u>

TABLE III (CONT'D)

MODEL COMPONENT: RUDDER - R₁₉

GENERAL DESCRIPTION: Configuration 140C orbiter rudder used on center-
line vertical tail V₉. 30° bevel and 0.5" gaps between rudder panels are
unsealed.

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000146B, VL70-000095

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft ²	<u>100.17</u>	<u>0.1643</u>
Span (equivalent), In.	<u>201.0</u>	<u>8.141</u>
Inb'd equivalent chord, In.	<u>91.580</u>	<u>3.709</u>
Outb'd equivalent chord, In.	<u>50.840</u>	<u>2.059</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.83</u>	<u>34.83</u>
Tailing Edge	<u>26.25</u>	<u>26.25</u>
Hingeline	<u>34.83</u>	<u>34.83</u>
Area Moment (Product of area & \bar{c}) Ft ³	<u>611.17</u>	<u>0.0406</u>
Mean Aerodynamic Chord, In.	<u>73.2</u>	<u>2.965</u>

TABLE III (CONT'D)

MODEL COMPONENT: VERTICAL - V_gGENERAL DESCRIPTION: Configuration 140C orbiter vertical tail(Identical to configuration 140A/B vertical tail)MODEL SCALE: 0.0405DRAWING NUMBER: VL70-000140C, VL70-000146B

DIMENSIONS:

FULL SCALEMODEL SCALE

TOTAL DATA

Area (Theo) - Ft²

Planform

413.3520.678

Span (Theo) - In.

315.7212.787

Aspect Ratio

1.6751.675

Rate of Taper

0.5070.507

Taper Ratio

0.4040.404

Sweep-Back Angles, Degrees.

Leading Edge

45.00045.000

Trailing Edge

26.2526.25

0.25 Element Line

41.1341.13

Chords:

Root (Theo) WP

268.5010.874

Tip (Theo) WP

108.474.393

MAC

199.818.092

Fus. Sta. of .25 MAC

1463.5159.272

W.P. of .25 MAC

635.5225.738

B.L. of .25 MAC

0.00.0

Airfoil Section

Leading Wedge Angle - Deg.

10.010.0

Trailing Wedge Angle - Deg.

14.9214.92

Leading Edge Radius

2.000.0810

Void Area

13.4100.022

Blanketed Area

0.00.0

TABLE III (CONT'D)

MODEL COMPONENT: WING-W₁₂₇

GENERAL DESCRIPTION: Configuration 140C orbiter wing, MCR 200, R4. Similar to 140A 'B wing W₁₁₆ but with refinements: improved wing-boot-midbody fairing ($X_0 = 940$ to $X_0 = 1040$): elevator split line relocated from $Y_0 = 281$ to $Y_0 = 312.5$

MODEL SCALE: 0.0405

TEST NO.

DWG. NO. VL70-000140C -000200BDIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATA

Area (Theo.) Ft^2
 Planform
 Span (Theo) In.
 Aspect Ratio
 Rate of Taper
 Taper Ratio
 Dihedral Angle, degrees
 Incidence Angle, degrees
 Aerodynamic Twist, degrees
 Sweep Back Angles, degrees
 Leading Edge
 Trailing Edge
 0.25 Element Line
 Chords:
 Root (Theo) B.P.O.O.
 Tip, (Theo) B.P.
 MAC
 Fus. Sta. of .25 MAC
 W.P. of .25 MAC
 B.L. of .25 MAC

2690.00	4.412
936.68	37.936
2.265	2.265
1.177	1.177
0.200	0.200
3.500	3.500
0.500	0.500
3.000	3.000
45.000	45.000
- 10.065	- 10.065
35.209	35.209
689.24	27.914
137.85	5.583
174.81	19.230
1136.83	46.042
290.58	11.768
182.13	7.376

EXPOSED DATA

Area (Theo) Ft^2
 Span, (Theo) In. BP108
 Aspect Ratio
 Taper Ratio
 Chords
 Root BP108
 Tip 1.00 $\frac{b}{2}$
 MAC
 Fus. Sta. of .25 MAC
 W.P. of .25 MAC
 B.L. of .25 MAC
 Airfoil Section (Rockwell Mod NASA)
 XXXX-64

1751.56	2.873
720.68	29.188
2.059	2.059
0.245	0.245
562.09	22.765
137.85	5.583
392.83	15.910
1185.98	48.032
294.30	11.919
251.77	10.197

Root $\frac{b}{2} =$

0.113 0.113

Tip $\frac{b}{2} =$

0.120 0.120

Data for (1) of (2) Sides

Leading Edge Cuff
 Planform Area Ft^2
 Leading Edge Intersects Fus M. L. @ Sta
 Leading Edge Intersects Wing @ Sta

113.180	0.186
500.00	20.250
1024.00	41.472

TABLE III (CONT'D)

MODEL COMPONENT: TRANSITION GRIT - X_9

GENERAL DESCRIPTION: Grit located on model nose and all swept surfaces to provide forced boundary layer transition.

NOMINAL GRIT DIAMETER, IN.

Fuselage	0.0054
----------	--------

All surfaces except fuselage	0.0076
------------------------------	--------

STRIP THICKNESS, INC.	0.100
-----------------------	-------

LOCATION:

Inches aft of local leading edge (streamwise)	1.00
--	------

TABLE III (CONT'D)

MODEL COMPONENT: TRANSITION GRIT - X₃₂

GENERAL DESCRIPTION: Grit located on model nose, OMS pods at 2.5" aft of leading edge, and all swept surfaces to provide forced boundary layer transition.

NOMINAL GRIT DIAMETER - IN.

Fuselage and OMS Pods	0.0054
-----------------------	--------

All surfaces except above	0.0076
---------------------------	--------

STRIP THICKNESS, In.	0.10
----------------------	------

LOCATION:

Inches aft (streamwise) of local L.E.	1.000
---------------------------------------	-------

TABLE III (CONT'D)

MODEL COMPONENT: TRANSITION GRIT - X₃₃

GENERAL DESCRIPTION: Grit located on model nose, OMS pods at 0.5" aft of leading edge, and all swept surfaces to provide forced boundary layer transition.

NOMINAL GRIT DIAMETER - IN.

Fuselage and OMS Pods	0.0054
-----------------------	--------

All surfaces except above	0.0076
---------------------------	--------

STRIP THICKNESS, In.	0.10
----------------------	------

LOCATION:

Inches aft (streamwise) of local L.E.	1.000
---------------------------------------	-------

TABLE III (CONL'D)

MODEL COMPOUT: TRANSITION GRIT - X₃₄

GENERAL DESCRIPTION: Grit located on model nose, OMS Pods, and all swept surfaces to provide forced boundary layer transition.

NOMINAL GRIT DIAMETER - IN.

Fuselage & OMS pods	0.0054
---------------------	--------

All surfaces except above	0.0076
---------------------------	--------

STRIP THICKNESS, In.	0.10
----------------------	------

LOCATION:

Inches aft (streamwise) of local leading edge	1.000
--	-------

Notes:

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity

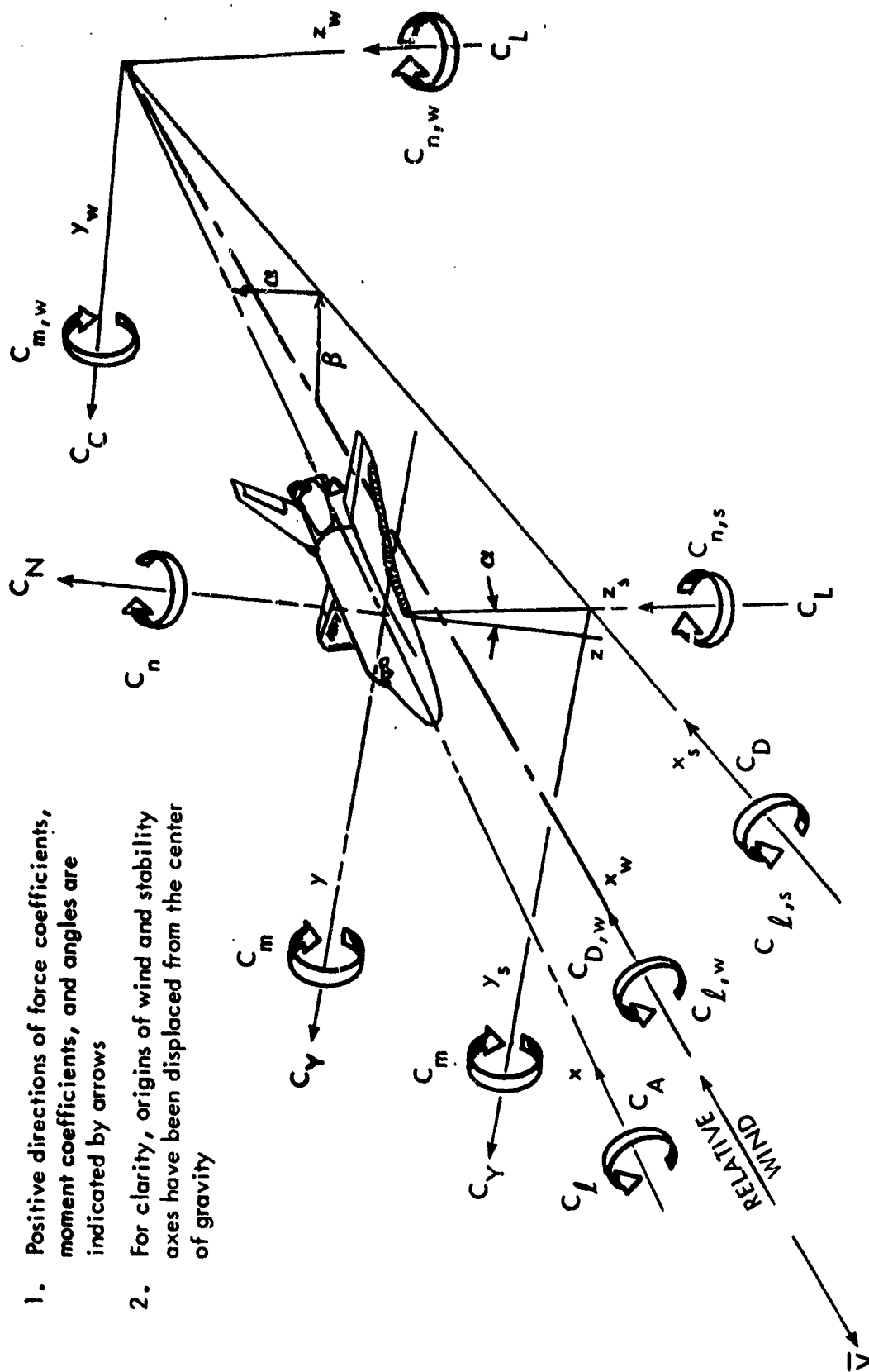
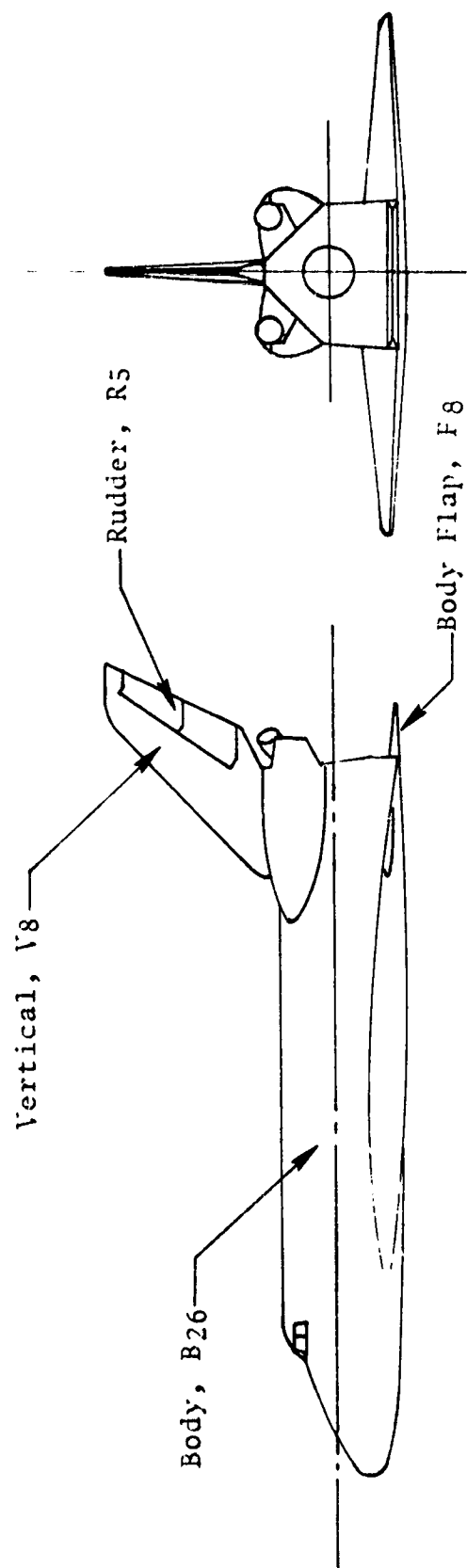
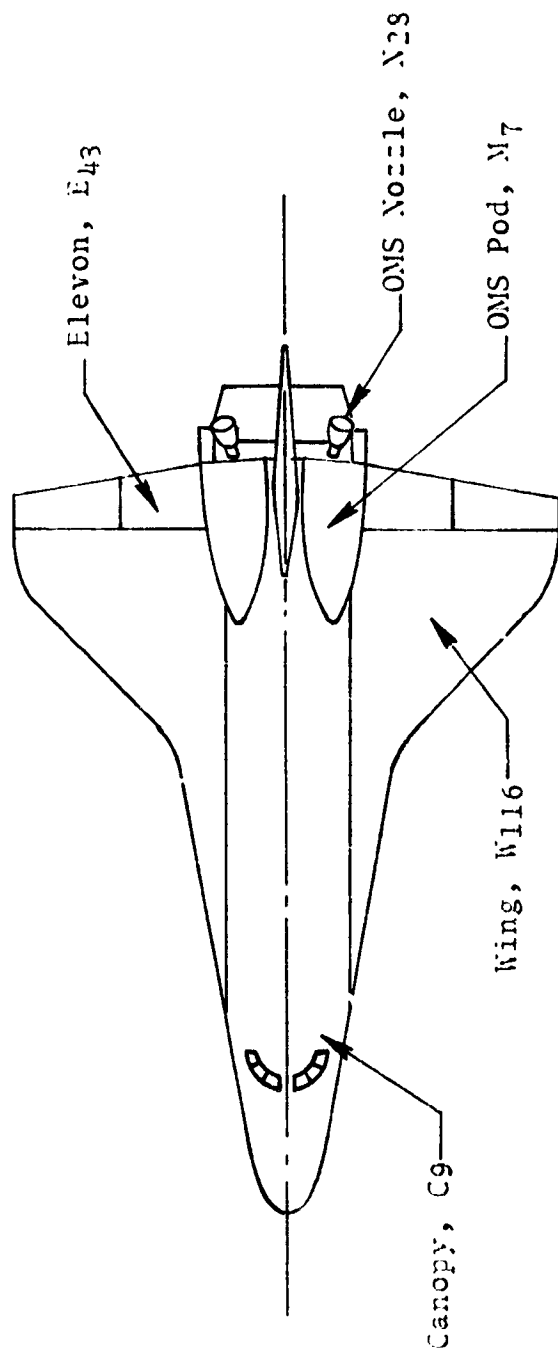
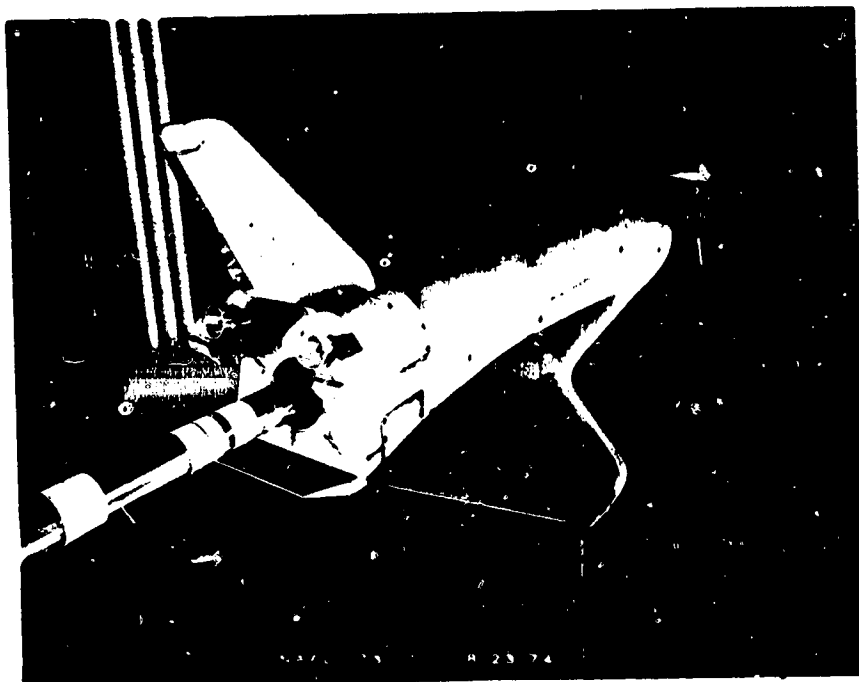


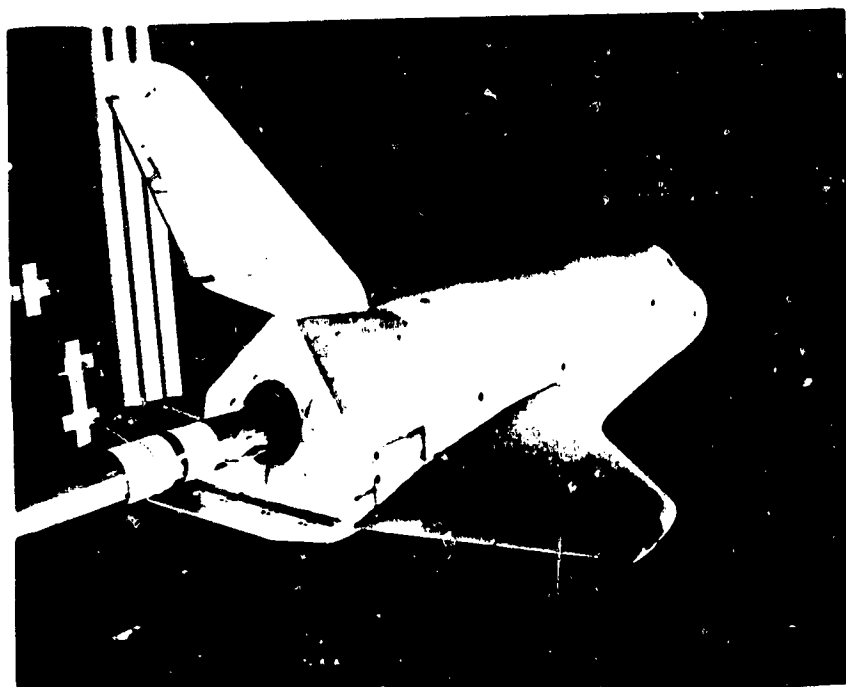
Figure 1. - Axis systems.



a. Orbiter Three View.
Figure 2. - Model sketch.



a. NAAL Installation, Rear View-Configuration
 B62 C12 F10 M16 N28 W127 E55 V8 R5 X9
 Figure 3. - Model photographs.



b. NAAL Installation, Rear View-Configuration
 B62 C12 F10 W127 E55 V8 R5 X9
 Figure 3. - Concluded.

DATA FIGURES

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPDBRK	BOFLAP	RUDDER	REFERENCE INFORMATION
[B 9009]	DA1198 B62C12F10 V127E55V8 R5 X9	25.000	-12.000	.000	SREF 2690.0100 50.FT.
[B 9027]	DA1198 B62C12F10 V127E55V8 R5 X9	25.000	-12.000	.000	LREF 474.8100 INCHES
[B 9038]	DA1198 B62C12F10 V127E55V8 R5 X9	25.000	-12.000	.000	BREF 936.6800 INCHES
[B 9010]	DA1198 B62C12F10 V127E55V8 R5 X9	25.000	.000	.000	XMPP 1076.6800 INCHES
[B 9020]	DA1198 B62C12F10 V127E55V8 R5 X9	25.000	.000	.000	YMPP .0000 INCHES
[B 9001]	DA1198 B62C12F10 V127E55V8 R5 X9	25.000	.000	.000	ZMPP .0000 INCHES
					SCALE .0405

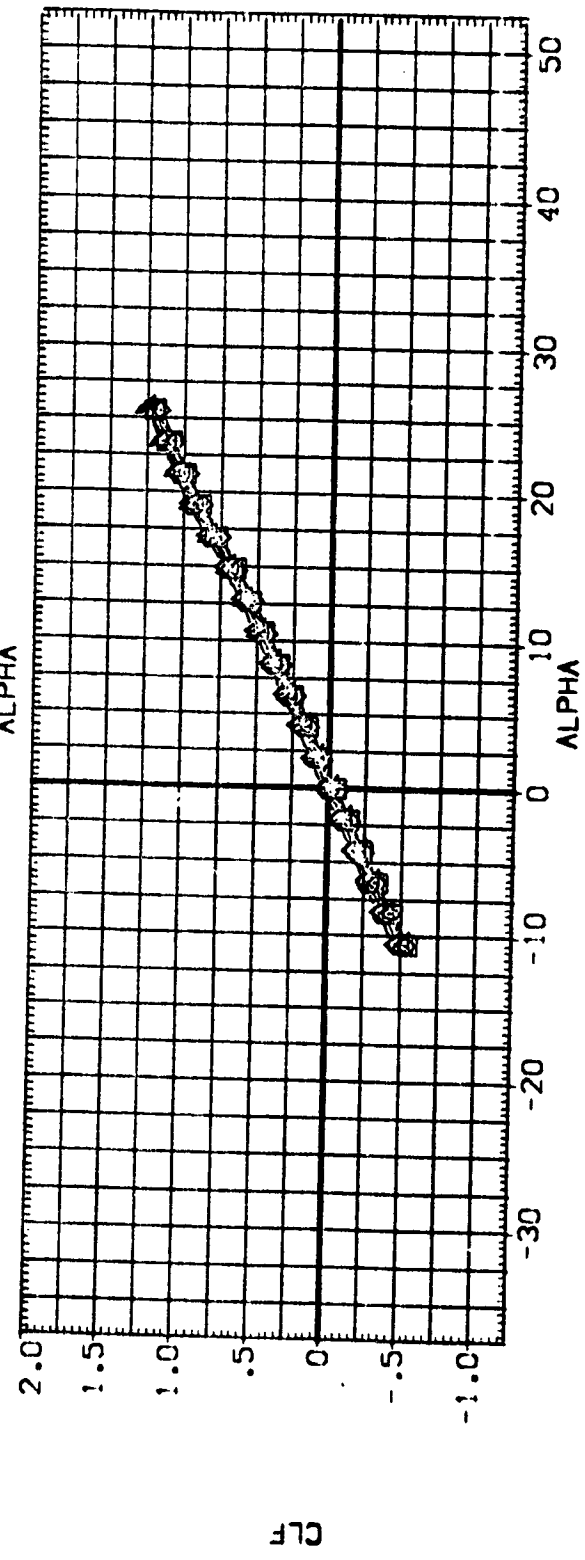
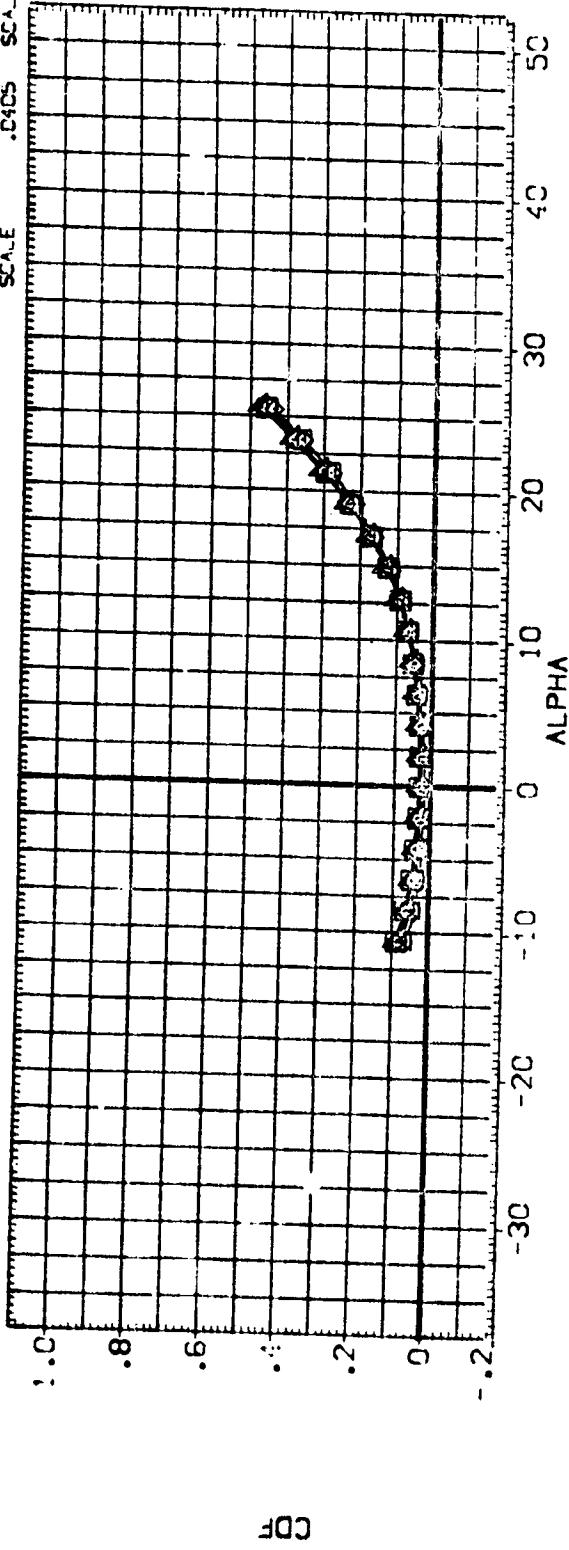


FIG 4 OMS PODS EFFECT ON LONGITUDINAL CHARACTERISTICS

(A)MACH = .26

DATA SET SYMB.	CONFIGURATION DESCRIPTION	SPDRK	BOFLAP	RUDER	REFERENCE INFORMATION
(B) 9009	DA1193 862C12F10 V127E55V8 R5 X9	25.000	-12.000	.000	SREF 2690.0100 50.FT.
(B) 9027	DA1193 862C12F10M7 N28J127E55V8 R5 X9	25.000	-12.000	.000	LREF 474.8100 INCHES
(B) 9008	DA1193 862C12F10M16N28J127E55V8 R5 X9	25.000	-12.000	.000	BREF 936.6800 INCHES
(B) 9013	DA1193 862C12F10 V127E55V8 R5 X9	25.000	.000	.000	XMRP 1076.6800 INCHES
(B) 9023	DA1193 862C12F10M7N28J127E55V8 R5 X9	25.000	.000	.000	YMRP .0000 INCHES
(B) 9031	DA1193 862C12F10M16N28J127E55V8 R5 X9	25.000	.000	.000	ZMRP .0000 INCHES
					SCALE .0405

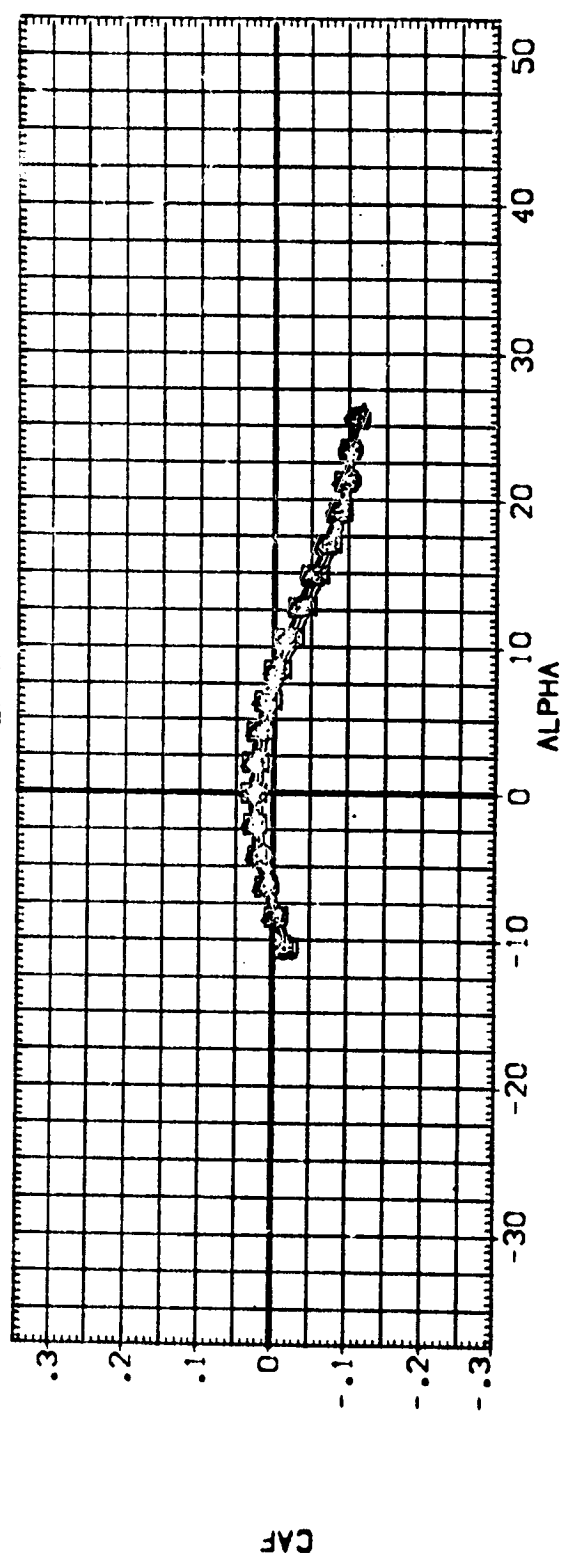
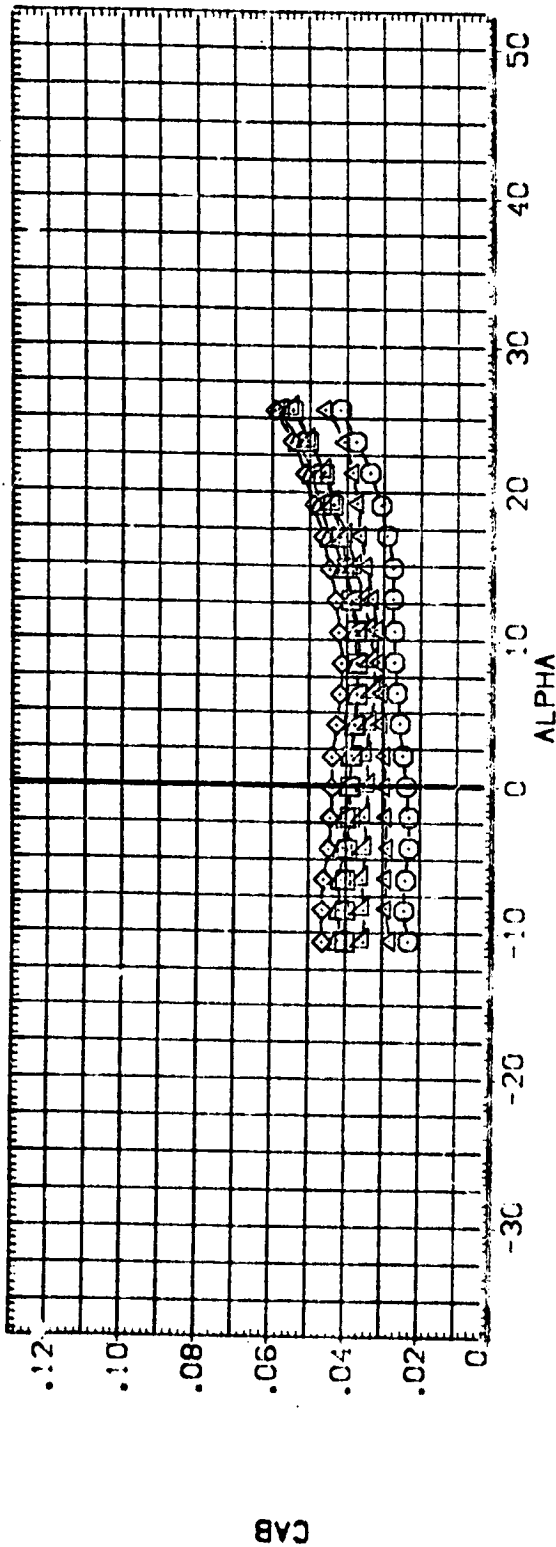


FIG 4 OMS PODS EFFECT ON LONGITUDINAL CHARACTERISTICS

(A) MACH = .26

DATA SET SYMBOL CONFIGURATION DESCRIPTION

[BF 9009]	0A1199	862C12F10	V127E55V8	R5	X9
[BF 9027]	0A1199	862C12F10	N28V127E55V8	R5	X9
[BF 9028]	0A1199	862C12F10	N28V127E55V8	R5	X9
[BF 9010]	0A1199	862C12F10	V127E55V8	R5	X9
[BF 9020]	0A1199	862C12F10	N28V127E55V8	R5	X9
[BF 9031]	0A1199	862C12F10	N28V127E55V8	R5	X9

SPOBRK BDF LAP RUDDER

25.000	-12.000	.000
25.000	-12.000	.000
25.000	-12.000	.000
25.000	.000	.000
25.000	.000	.000
25.000	.000	.000

REFERENCE INFORMATION

SREF	2690.0100	50.00
LREF	474.8100	10.00
BREF	936.6800	10.00
XMRP	1076.6800	10.00
YMRP	.0000	10.00
ZMRP	375.0000	10.00
SCALE	.0405	SCALE

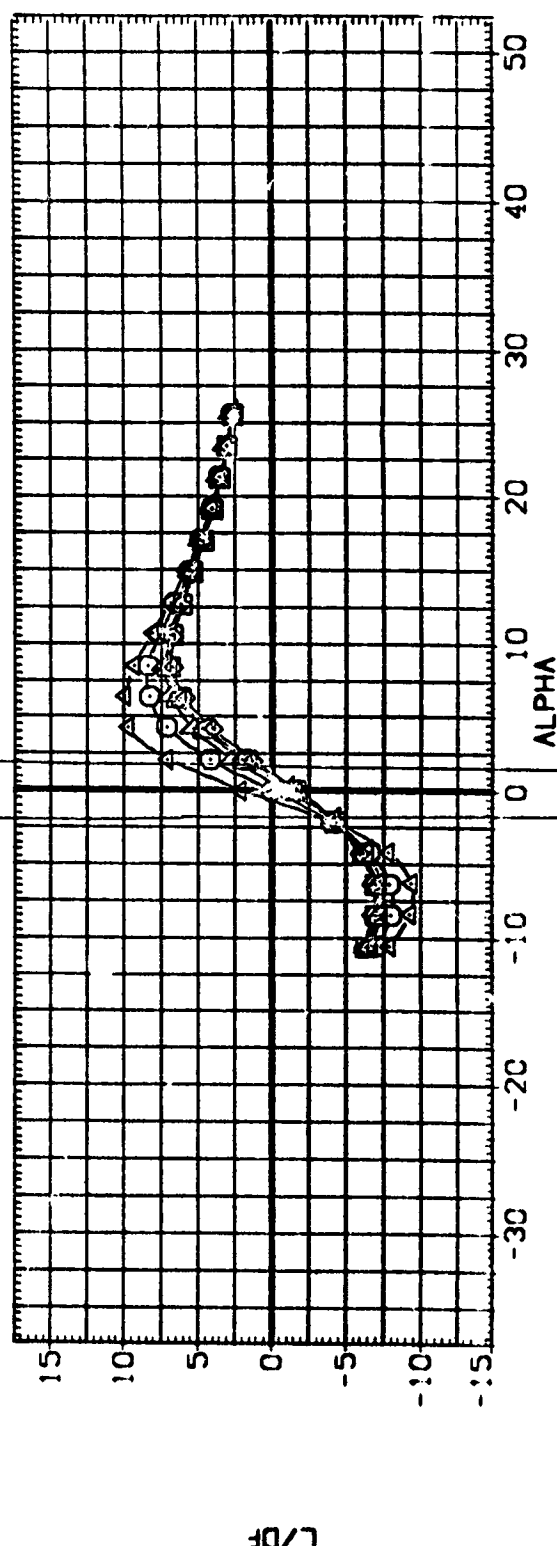
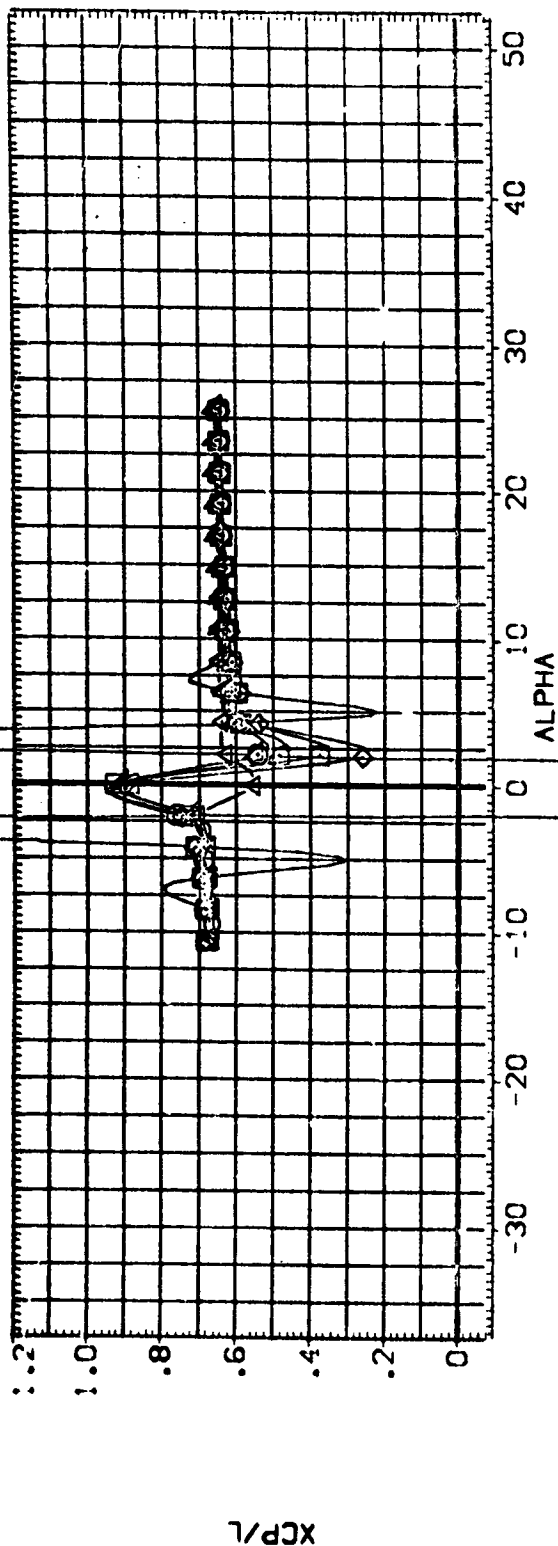


FIG 4 0MS PODS EFFECT ON LONGITUDINAL CHARACTERISTICS

(A) VACH = .26

DATA SET SYMBOL CONF IGURATION DESCRIPTION

[B 9009]	0A1158	B62C12	10	V127E55V8	R5	X9
[B 9077]	0A1158	B62C12	10	N26V127E55V8	R5	X9
[B 9078]	0A1158	B62C12	10	CM16N26V127E55V8	R5	X9
[B 9079]	0A1158	B62C12	10	V127E55V8	R5	X9
[B 9080]	0A1158	B62C12	10	CM16N26V127E55V8	R5	X9
[B 9081]	0A1158	B62C12	10	CM16N26V127E55V8	R5	X9

SPDRK BOFLAP RDOER

25.000	-12.000	.000
25.000	-12.000	.000
25.000	-12.000	.000
25.000	.000	.000
25.000	.000	.000
25.000	.000	.000

REFERENCE INFORMATION

SREF	2690.0100	SQ.FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
XREF	1076.6800	INCHES
YREF	.0000	INCHES
ZREF	375.0000	INCHES
SCALE	.0400	SCALE

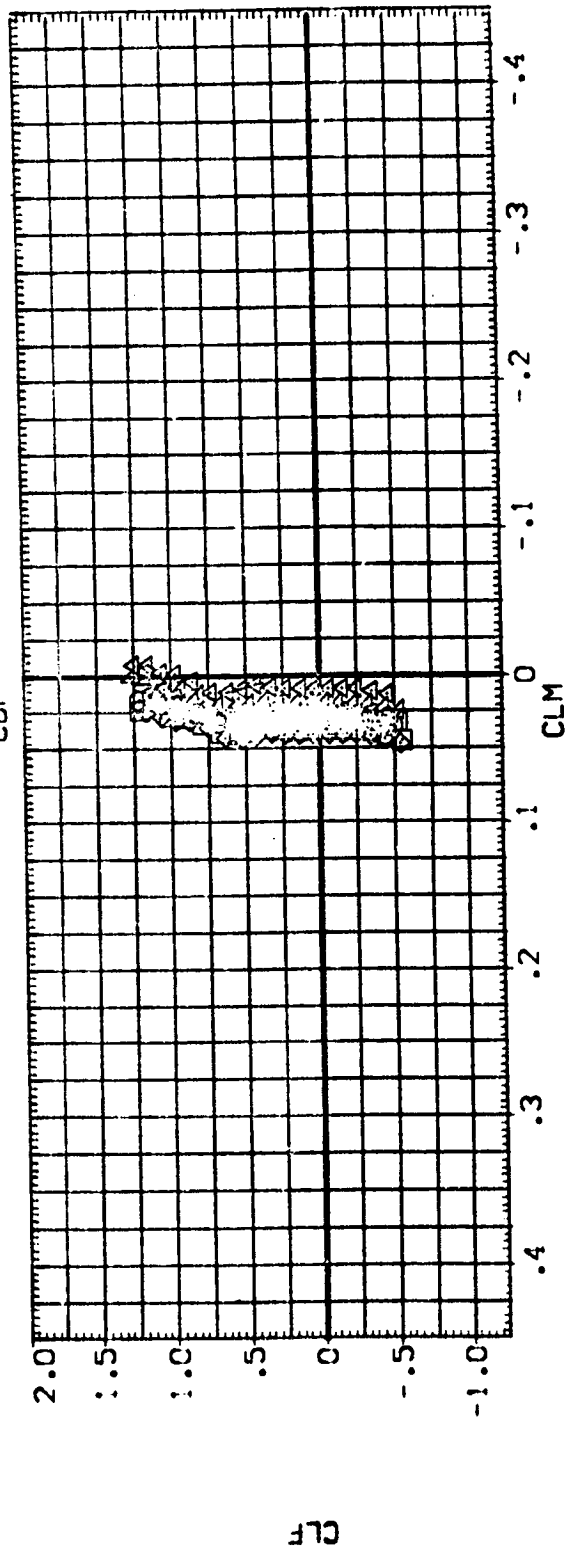
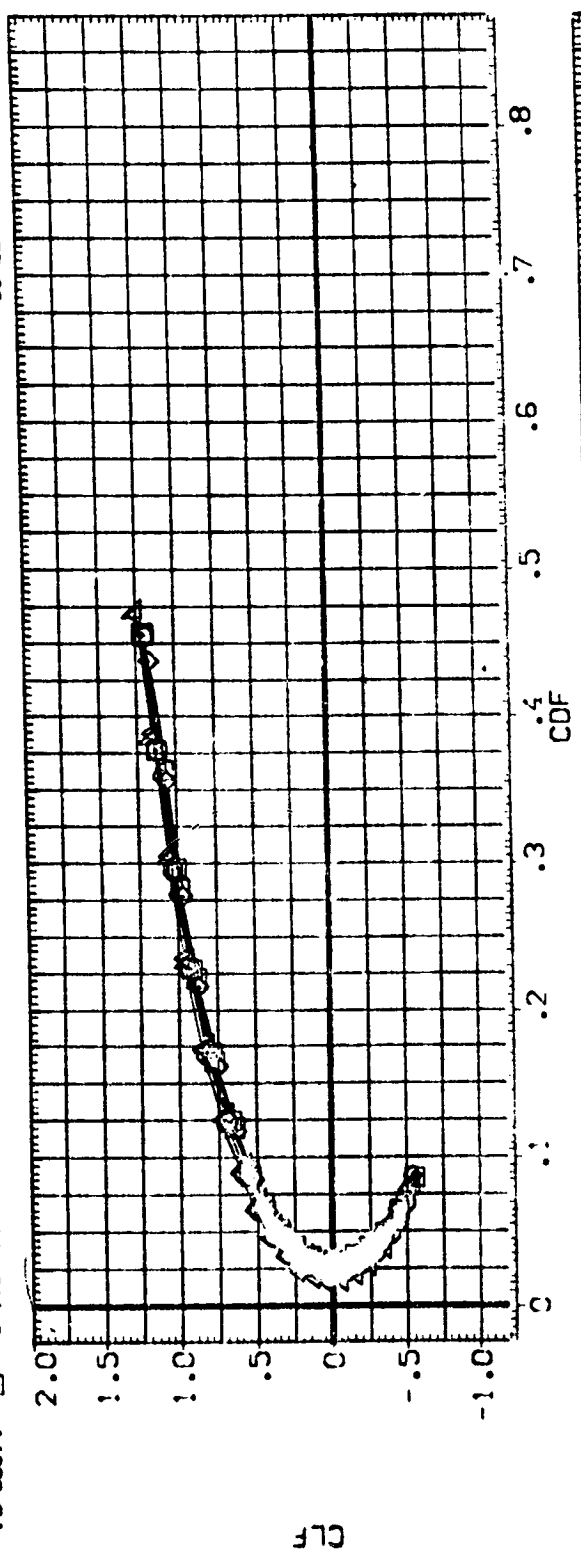


FIG 4 QMS PODS EFFECT ON LONGITUDINAL CHARACTERISTICS

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION	SCALE
(B 9159)	0A1198 B62C12 10M16N28V177E55V8 R5 X9	-35.000	-35.000	-35.000	-35.000	SREF 2690.0100	50.FT.
(B 9160)	0A1198 B62C12 10M16N28V177E55V8 R5 X9	-35.000	-35.000	-35.000	-35.000	LREF 474.8100	INCHES
(B 9161)	0A1198 B62C12 10M16N28V177E55V8 R5 X9	-35.000	-35.000	-35.000	-35.000	BREF 936.6800	INCHES
(B 9162)	0A1198 B62C12 10M16N28V177E55V8 R5 X9	-35.000	-35.000	-35.000	-35.000	XMRP 1076.6800	INCHES
(B 9163)	0A1198 B62C12 10M16N28V177E55V8 R5 X9	-35.000	-35.000	-35.000	-35.000	YMRP .0000	INCHES
(B 9164)	0A1198 B62C12 10M16N28V177E55V8 R5 X9	-35.000	-35.000	-35.000	-35.000	ZMRP .0000	INCHES
						SCALE .0405	

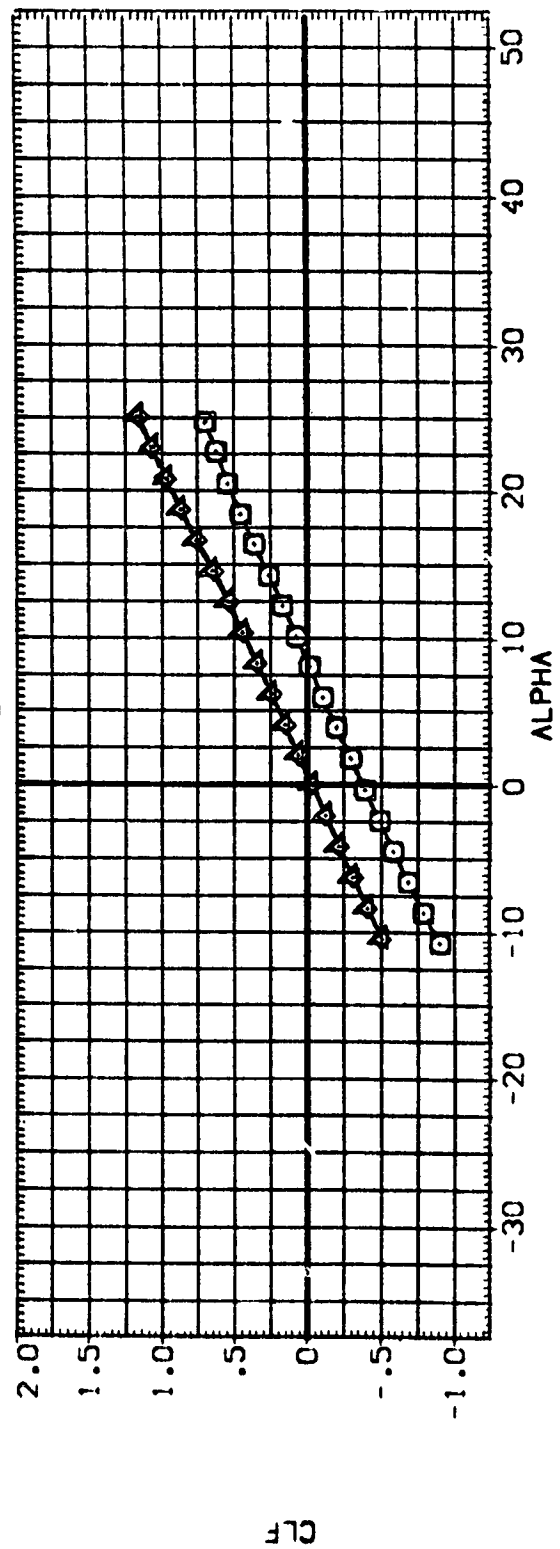
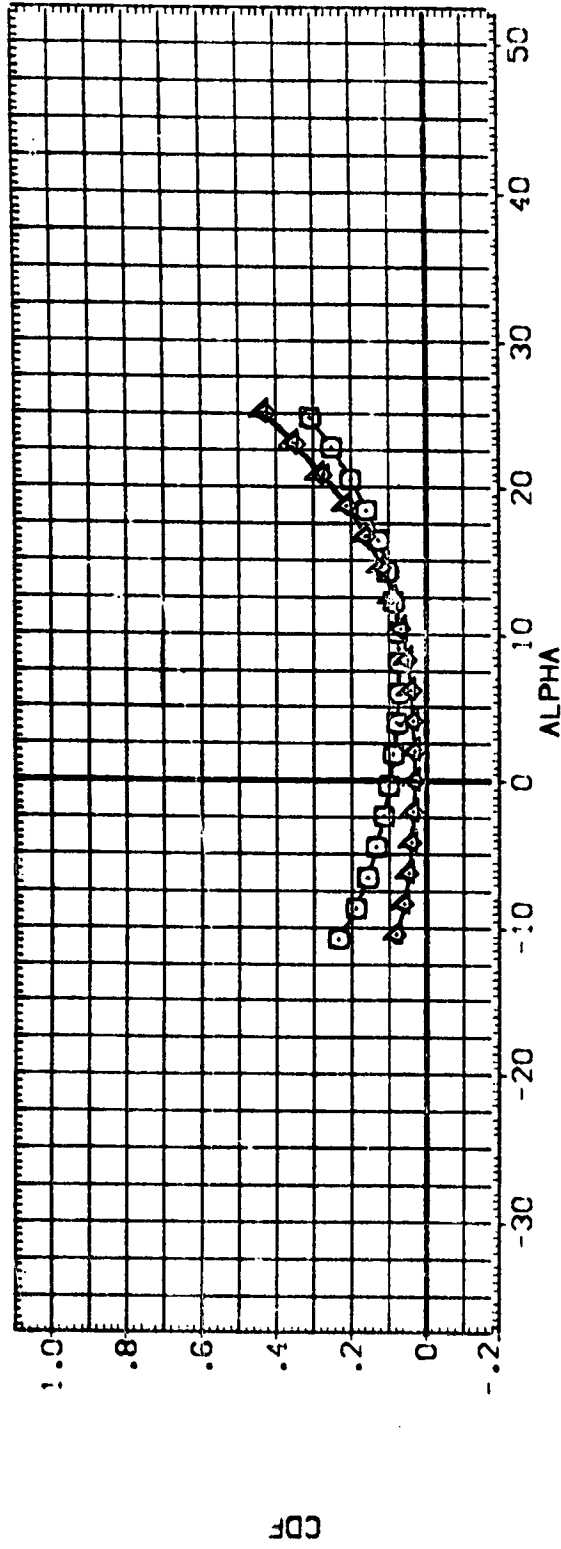


FIG 5 ELEVON FLAPPER DOOR EFFECTS ON LONGITUDINAL CHARACTERISTICS

(MACH = .20



DATA SET SYMBOL CONFIGURATION DESCRIPTION ELV-L0 ELV-L1 ELV-R1 ELV-R0 REFERENCE INFORMATION 50.FT.

[39:59] 0A1199 862C12 DM16N28M127E55V8 R5 X9 -35.000 -35.000 -35.000 -35.000 SREF 2690.0100 INCHES

[39:60] 0A1199 862C12 DM16N28M127E60V8 R5 X9 -35.000 -35.000 -35.000 -35.000 LREF 474.8100 INCHES

[39:61] 0A1199 862C12 DM16N28M127E55V8 R5 X9 -35.000 -35.000 -35.000 -35.000 BREF 936.8800 INCHES

[39:62] 0A1199 862C12 DM16N28M127E55V8 R5 X9 -35.000 -35.000 -35.000 -35.000 XMRP 1076.8800 INCHES

[39:63] 0A1199 862C12 DM16N28M127E55V8 R5 X9 -35.000 -35.000 -35.000 -35.000 YMRP 375.0000 INCHES

[39:64] 0A1199 862C12 DM16N28M127E60V8 R5 X9 -35.000 -35.000 -35.000 -35.000 ZMRP 375.0000 INCHES

[39:65] 0A1199 862C12 DM16N28M127E60V8 R5 X9 -35.000 -35.000 -35.000 -35.000 SCALE .0405 INCHES

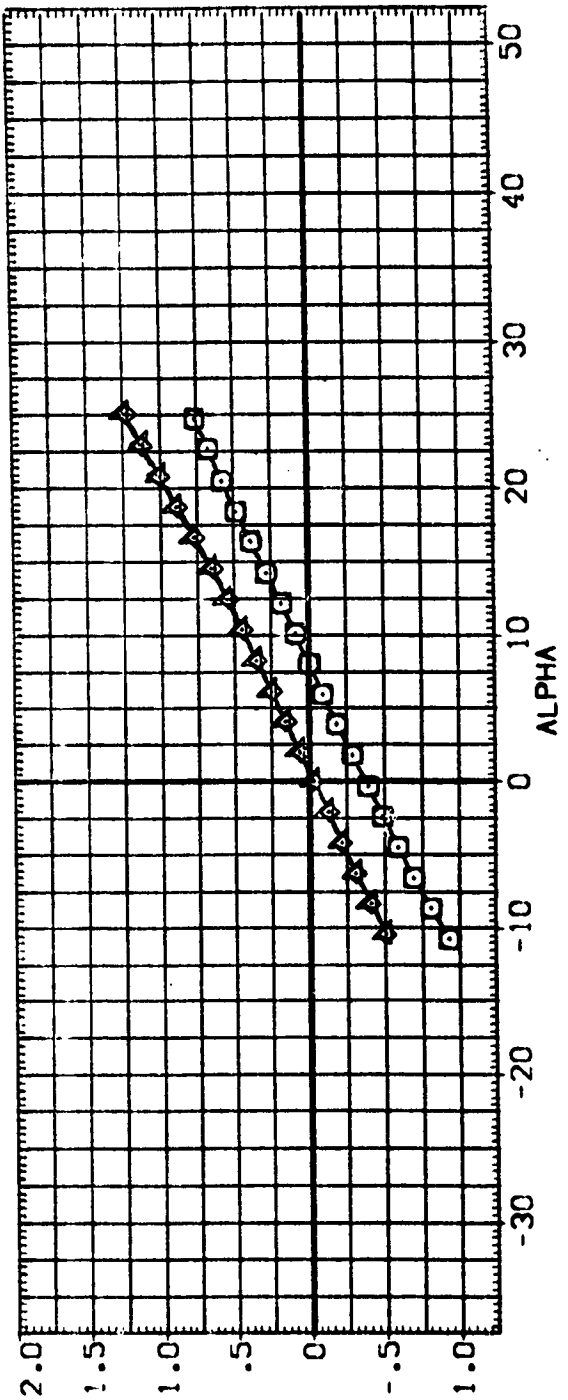
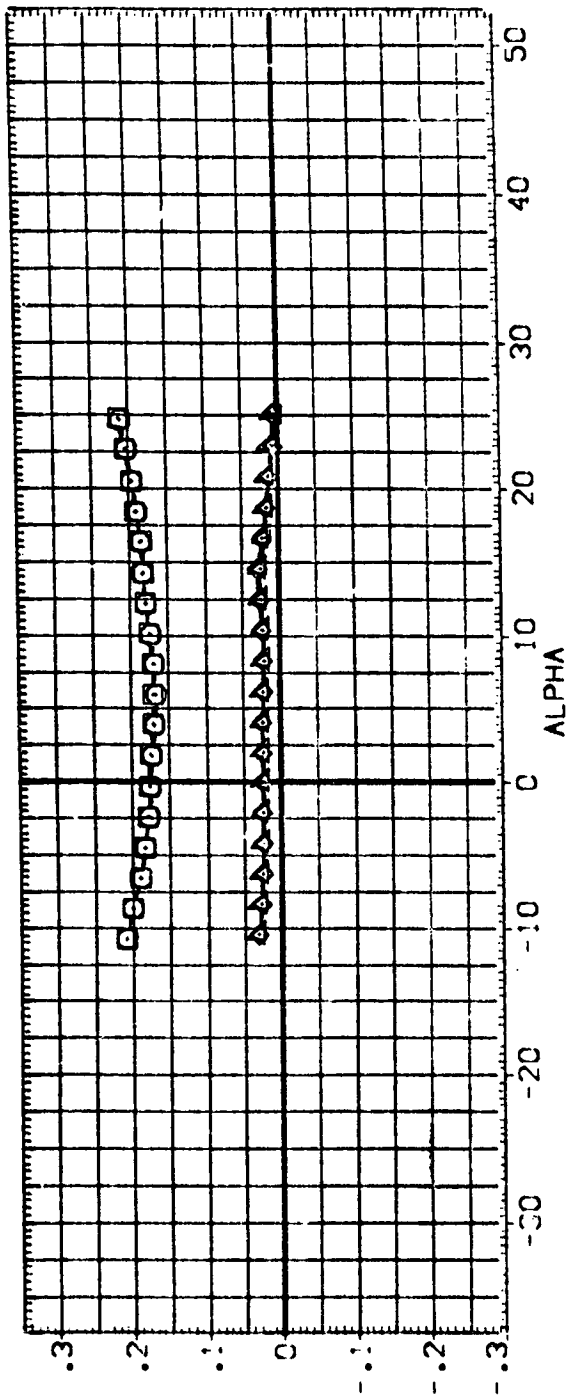


FIG 5 ELEVON FLAPPER DOOR EFFECTS ON LONGITUDINAL CHARACTERISTICS

[A]MACH = .20

DATA SET SYMBO.	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION	50.FT.
[39159]	DA1193 862C12F 10416284 27E55V8 RS X9	-35.000	-35.000	-35.000	-35.000	SREF 2690.0100	INCHES
[39160]	DA1193 862C12F 10416284 27E60V8 RS X9	-35.000	-35.000	-35.000	-35.000	LREF 474.8100	INCHES
[39161]	DA1193 862C12F 10416284 27E55V8 RS X9	.000	.000	.000	.000	BREF 936.8800	INCHES
[39162]	DA1193 862C12F 10416284 27E55V8 RS X9	.000	.000	.000	.000	XMRP 1076.8800	INCHES
[39163]	DA1193 862C12F 10416284 27E55V8 RS X9	.000	.000	.000	.000	YMRP .0000	INCHES
[39164]	DA1193 862C12F 10416284 27E60V8 RS X9	.000	.000	.000	.000	ZMRP 375.0000	INCHES
						SCALE .0405	SCALE

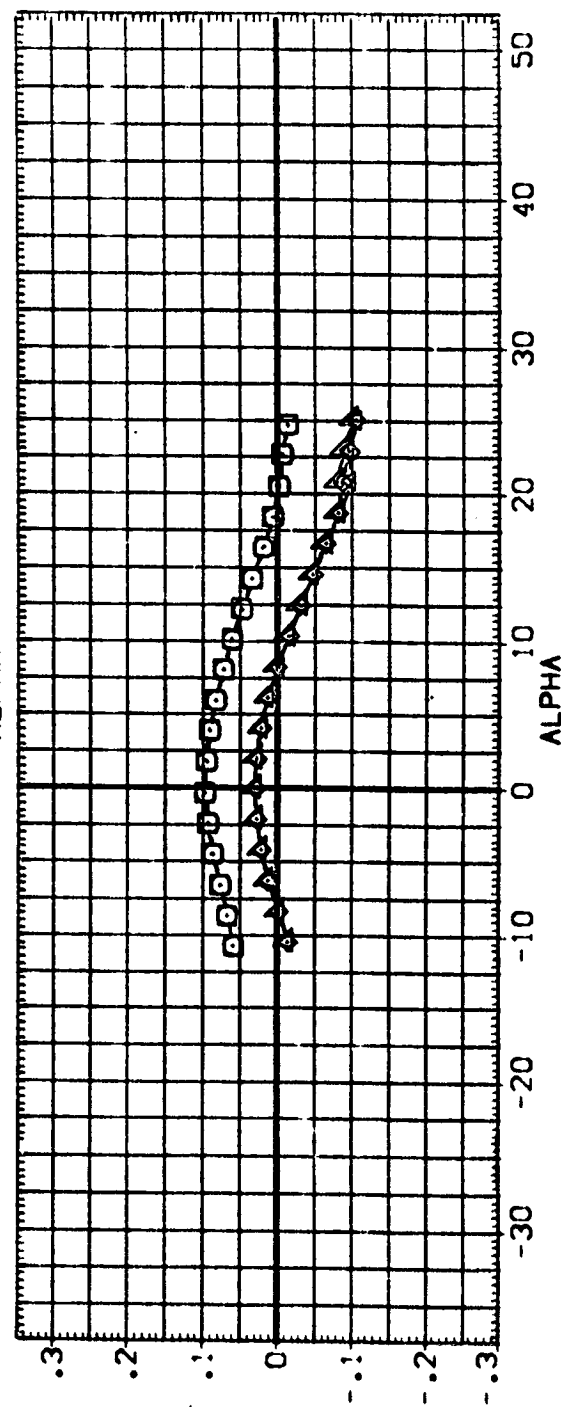
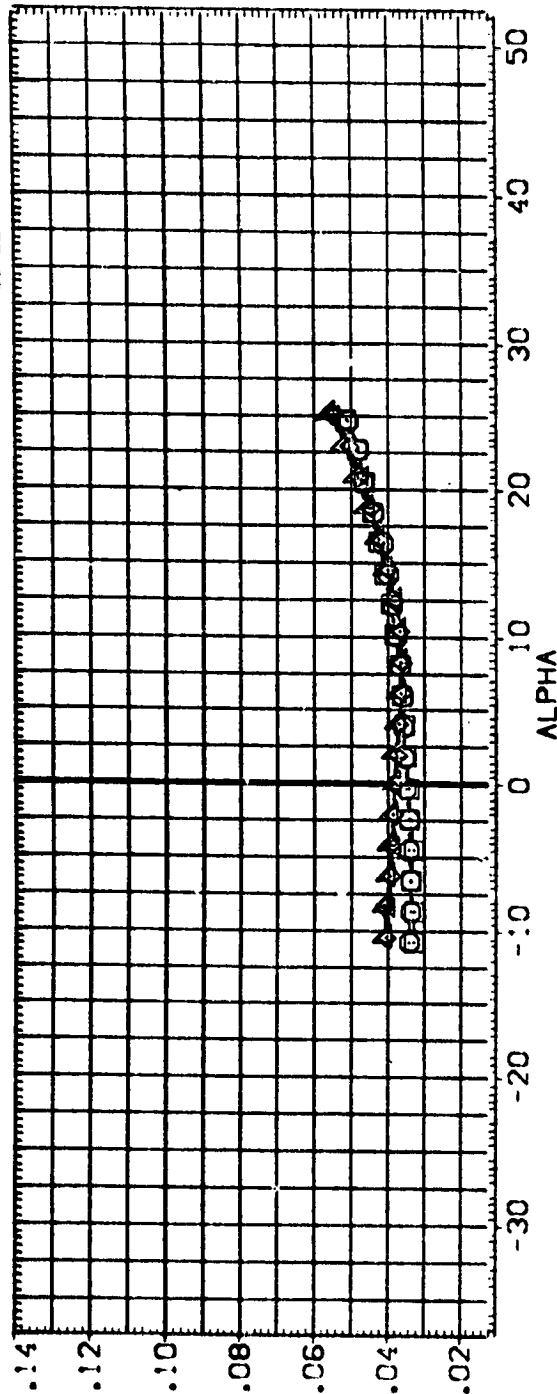


FIG 5 ELEVON FLAPPER DOOR EFFECTS ON LONGITUDINAL CHARACTERISTICS

(A)MACH = .20

PAGE

8

DATA SET SYMBO.	CONF. IGRATION DESCRIPTION	ELV-L	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
[09] 59	0A1193 862C12F 10A16A28A127E55.8 R5 X9	-35.000	-35.000	-35.000	-35.000	SREF 2690.0100 50.FT
[09] 60	0A1193 862C12F 10A16A28A127E55.8 R5 X9	-35.000	-35.000	-35.000	-35.000	LREF 474.8100 10.FT
[09] 61	0A1193 862C12F 10A16A28A127E55.8 R5 X9	-35.000	-35.000	-35.000	-35.000	BREF 936.8800 10.FT
[09] 62	0A1193 862C12F 10A16A28A127E55.8 R5 X9	-35.000	-35.000	-35.000	-35.000	XMRP 1076.8800 10.FT
[09] 63	0A1193 862C12F 10A16A28A127E55.8 R5 X9	-35.000	-35.000	-35.000	-35.000	YMRP 1076.8800 10.FT
[09] 64	0A1193 862C12F 10A16A28A127E55.8 R5 X9	-35.000	-35.000	-35.000	-35.000	ZMRP 375.0000 10.FT
[09] 65	0A1193 862C12F 10A16A28A127E55.8 R5 X9	-35.000	-35.000	-35.000	-35.000	SCALE .0405

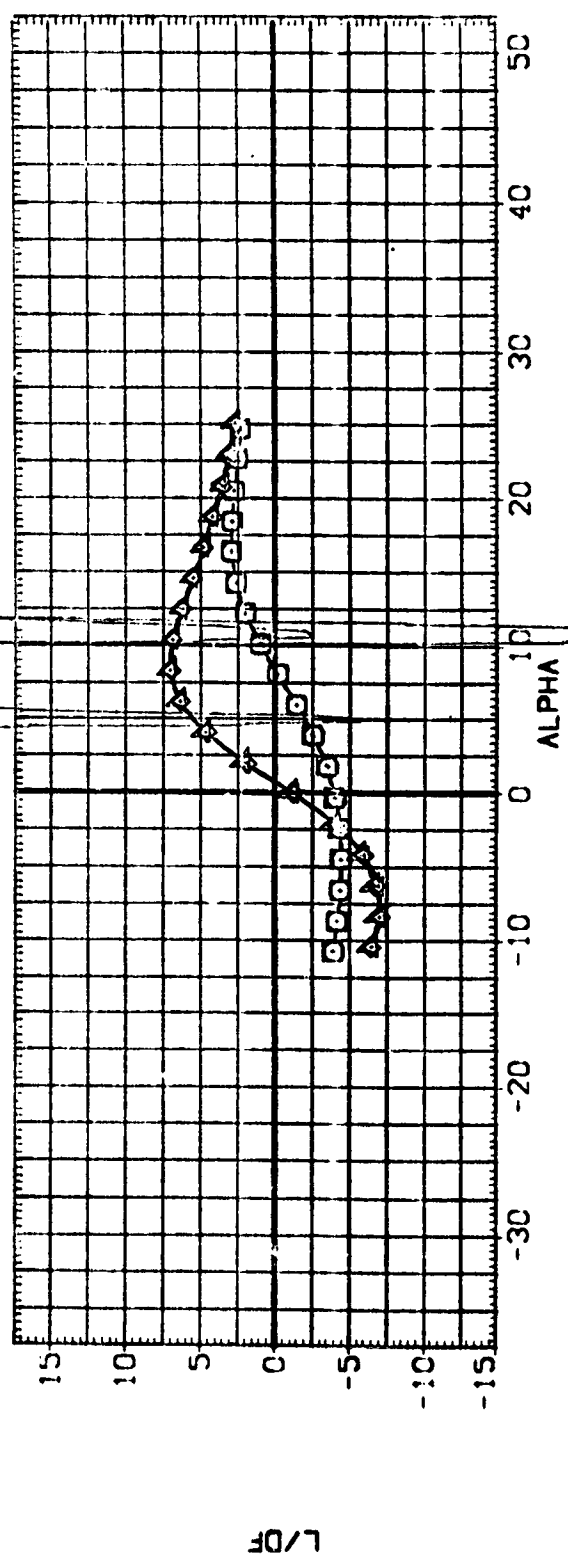
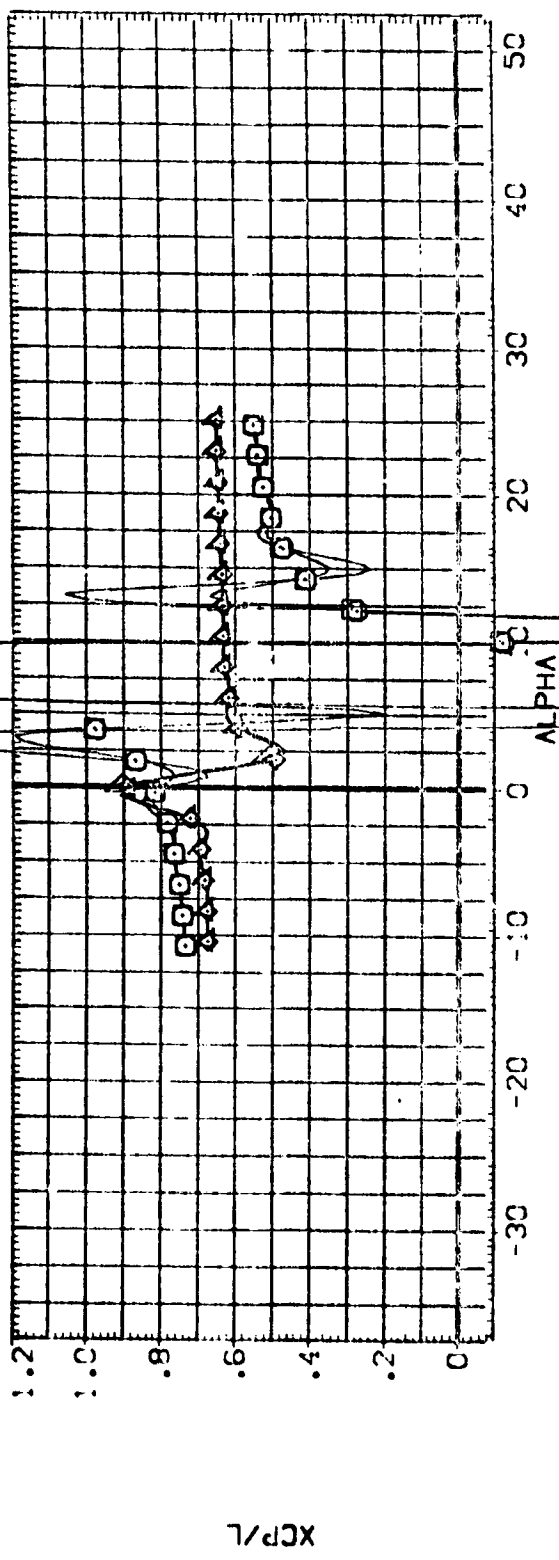


FIG 5 ELEVEN FLAPPER DOOR EFFECTS ON LONGITUDINAL CHARACTERISTICS

CALMAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
(#9:59)	DA1199 362C12 1016N28W127E55.8 RS X9	-35.000	-35.000	-35.000	-35.000	SREF 2690 0100 50 FT
(#9:60)	DA1199 362C12 1016N28W127E55.8 RS X9	-35.000	-35.000	-35.000	-35.000	LREF 474.8100 100 FT
(#9:61)	DA1199 362C12 1016N28W127E55.8 RS X9	.000	.000	.000	.000	BREF 936.8800 100 FT
(#9:62)	DA1199 362C12 1016N28W127E55.8 RS X9	.000	.000	.000	.000	XREF 1076.8800 100 FT
(#9:63)	DA1199 362C12 1016N28W127E55.8 RS X9	.000	.000	.000	.000	YREF 375.0000 100 FT
(#9:64)	DA1199 362C12 1016N28W127E55.8 RS X9	.000	.000	.000	.000	ZREF 375.0000 100 FT
						SCALE .0425

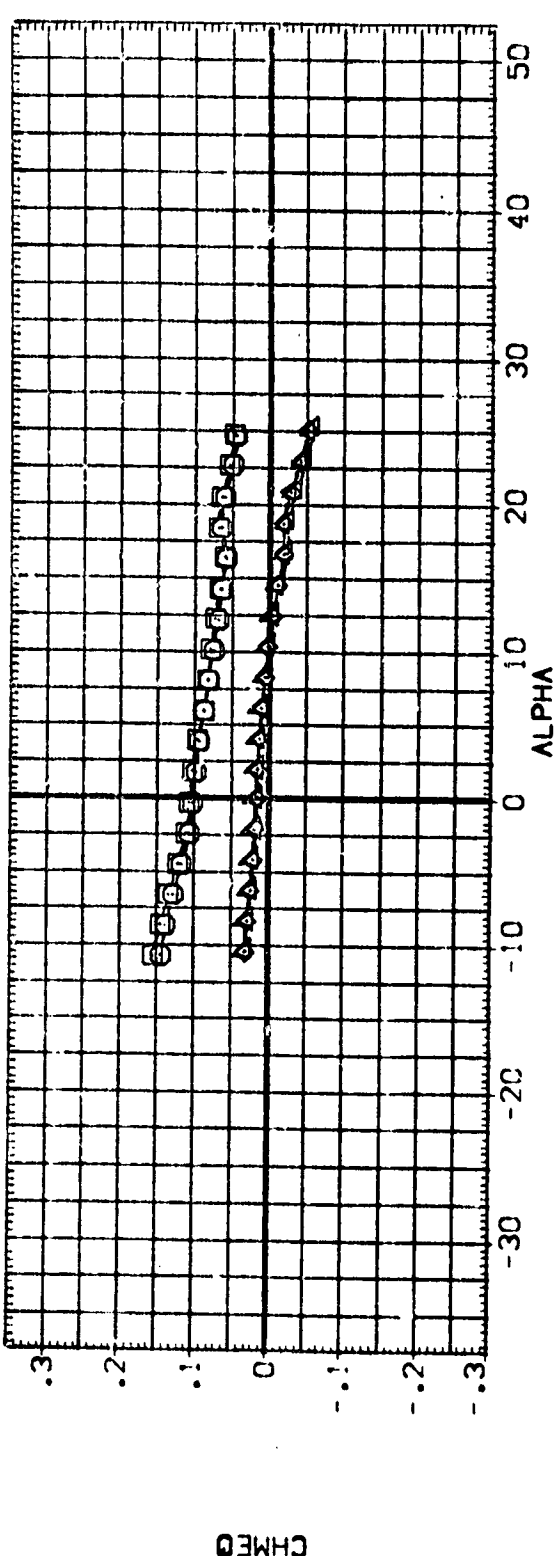
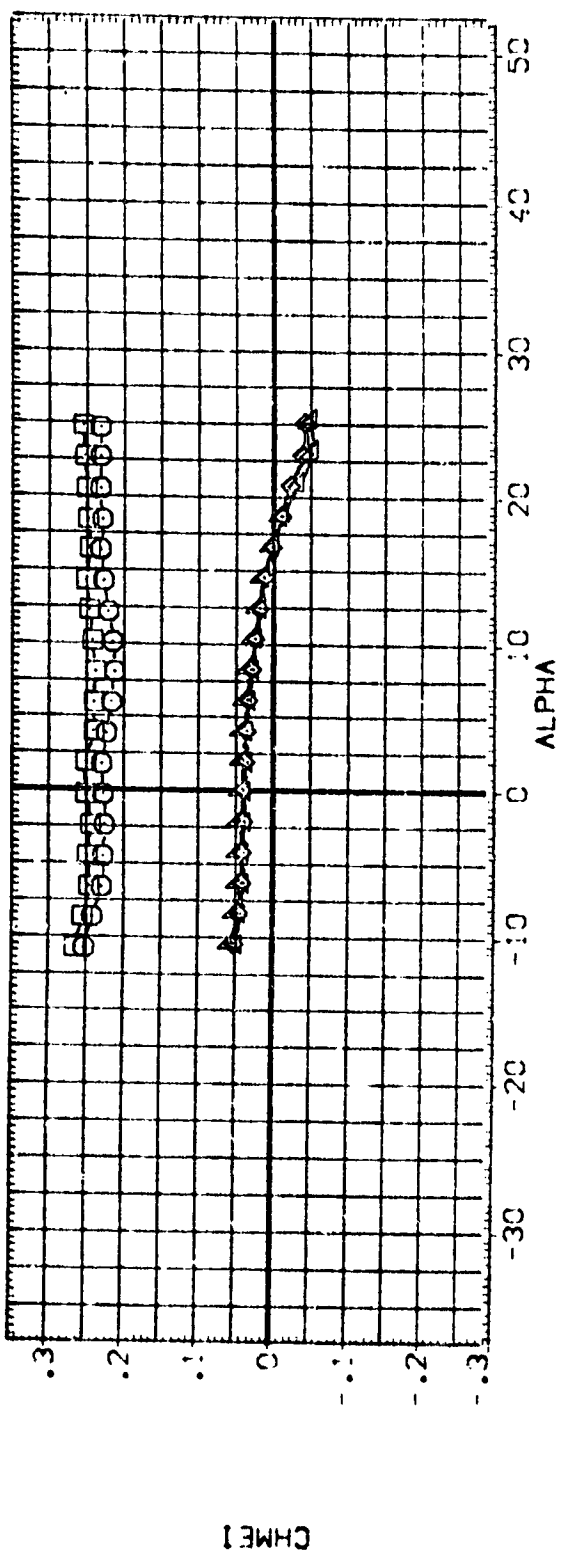


FIG 5 ELEVON FLAPPER DOOR EFFECTS ON LONGITUDINAL CHARACTERISTICS

CLAYTON = .20

DATA SET SYMBO	CONFIGURATION DESCRIPTION	SPDBAK	BDLAP	R_DDER	REFERENCE INFORMATION
(B 9029)	0A1198 862C12F10	25.000	-12.000	.000	SREF 2690.0100
(B 9017)	0A1198 862C12F10	25.000	-12.000	.000	LREF 474.8100
(B 9010)	0A1198 862C12F10	25.000	.000	.000	BREF 836.8800
(B 9016)	0A1198 862C12F10	25.000	.000	.000	XREF 1076.8800
					YREF .0000
					ZREF .0000
					SCALE .0000

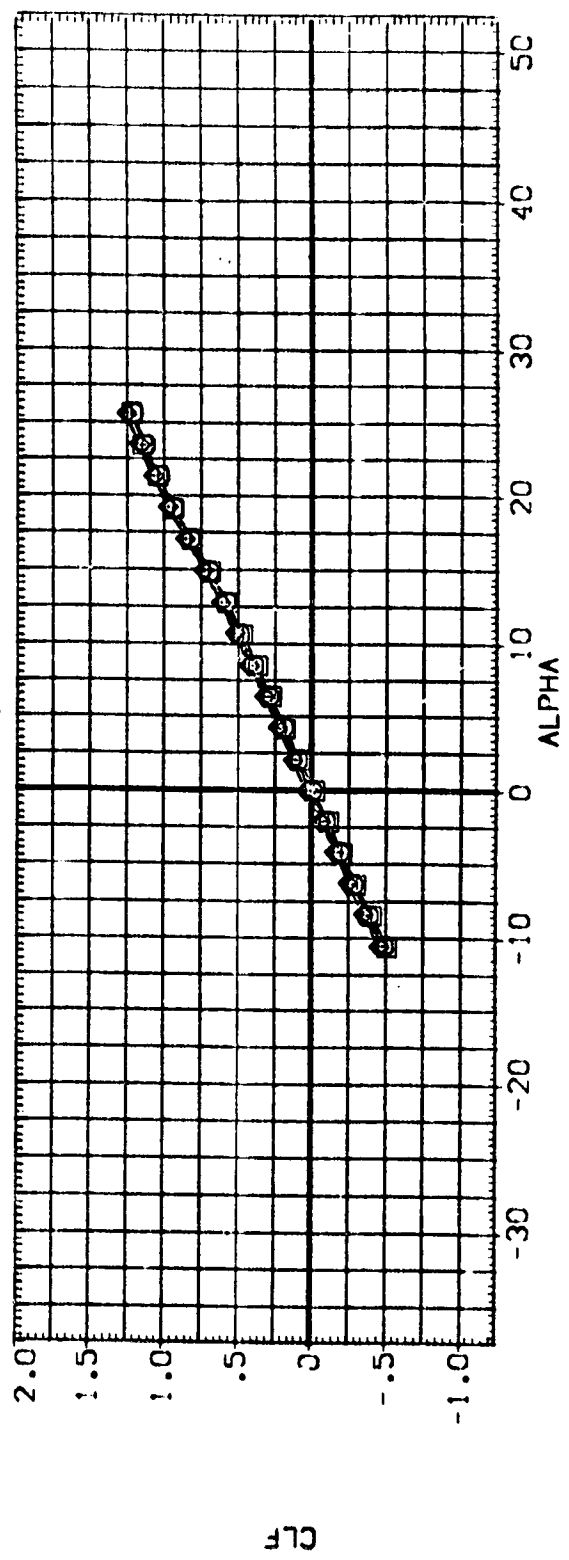
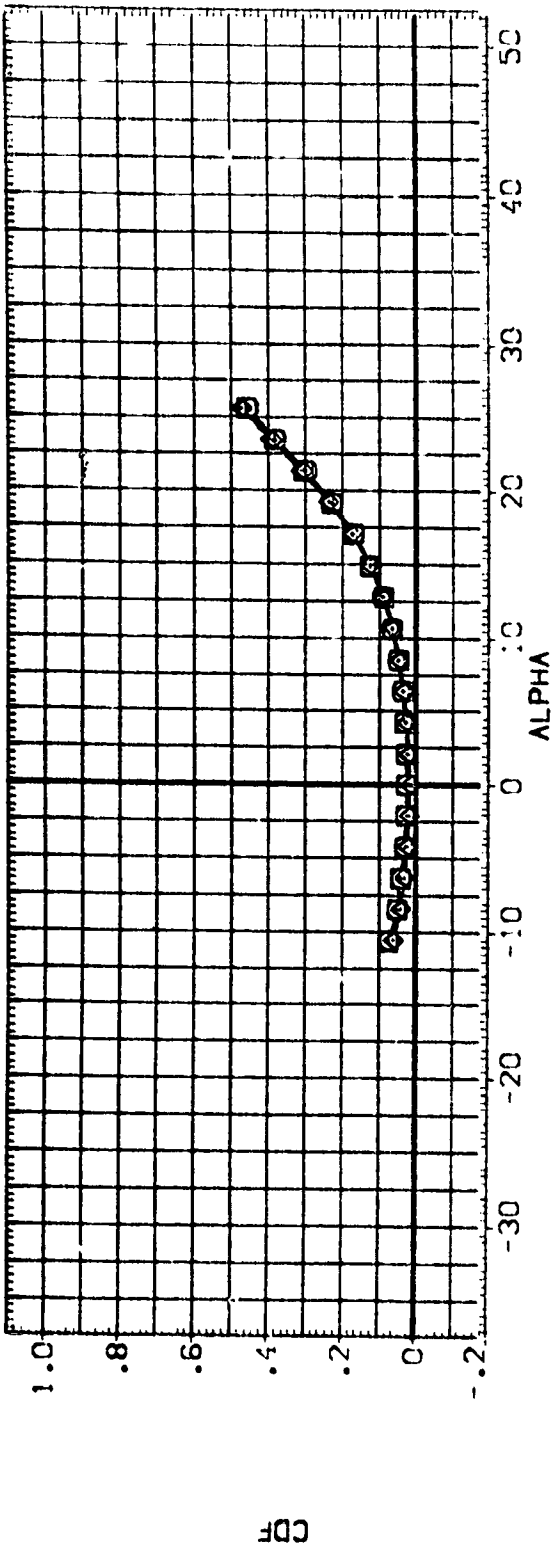


FIG 6 ELEVON GAP SEALING EFFECTS ON LONGITUDINAL CHARACTERISTICS, OMS OFF

(A)MAC = .26



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	BOFLAP	RJORDER	REFERENCE INFORMATION
(# 9029)	0A1193 B62C12F10	25.000	-12.000	.000	SREF 2690.0100 SC.F1.
(# 9017)	0A1193 B62C12F10	25.000	-12.000	.000	LREF 474.8100 INCH
(# 9010)	0A1193 B62C12F10	25.000	.000	.000	BREF 936.8800 INCH
(# 9016)	0A1193 B62C12F10	25.000	.000	.000	XREF 1076.8800 INCH
					YREF .0000 INCH
					ZREF 375.0000 INCH
					SCALE 0.005

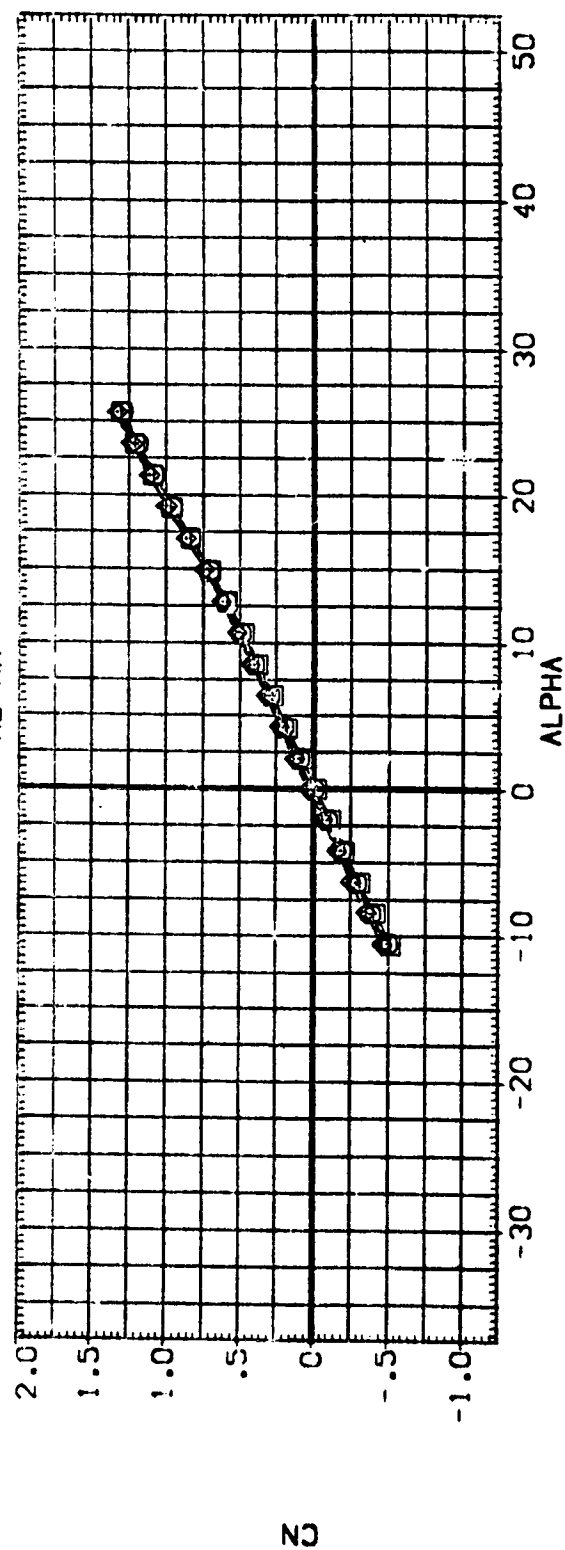
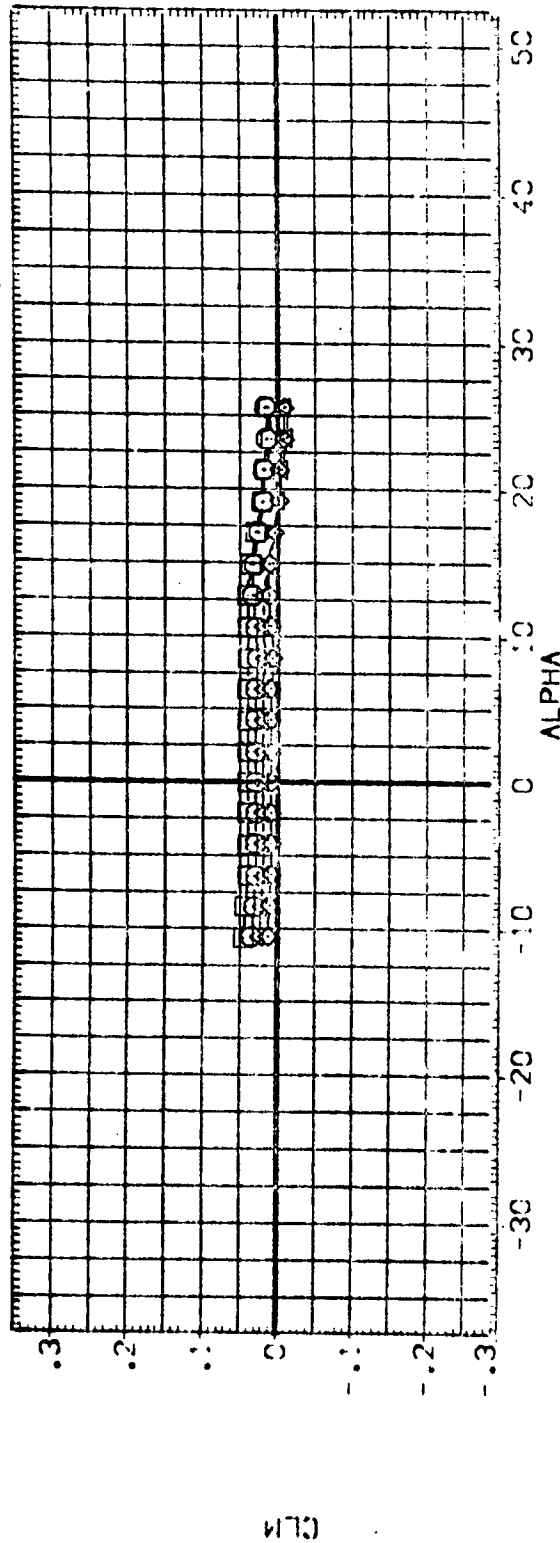


FIG 6 ELEVON GAP SEALING EFFECTS ON LONGITUDINAL CHARACTERISTICS, OMS OFF

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPDRBK	BOFLAP	RJODER	REFERENCE INFORMATION
(B) 9009)	DA1199 867C12:10	25.000	-12.000	.000	SREF 2690.0100
(B) 9017)	DA1199 867C12:10	25.000	-12.000	.000	REF 474.8100
(B) 9010)	DA1199 867C12:10	25.000	.000	.000	SREF 936.8800
(B) 9010)	DA1199 867C12:10	25.000	.000	.000	XREF 1076.8800
					YREF .0000
					ZREF .0000
					SCALE 375.0405
					SCALE

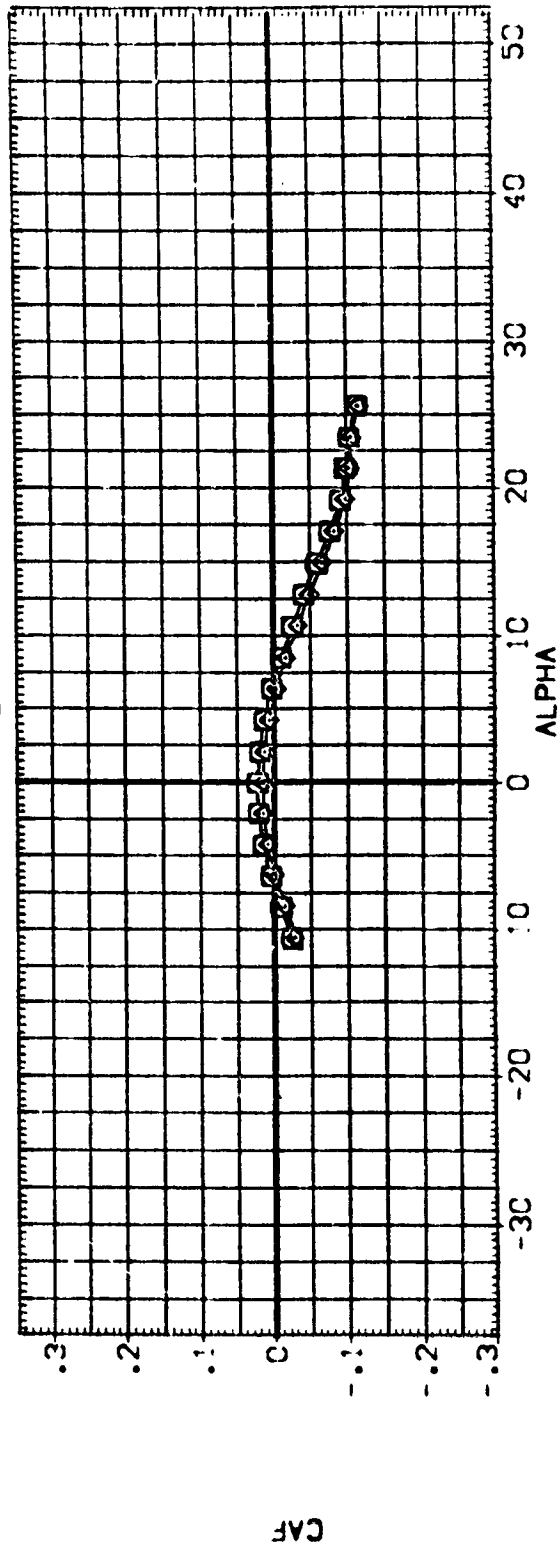
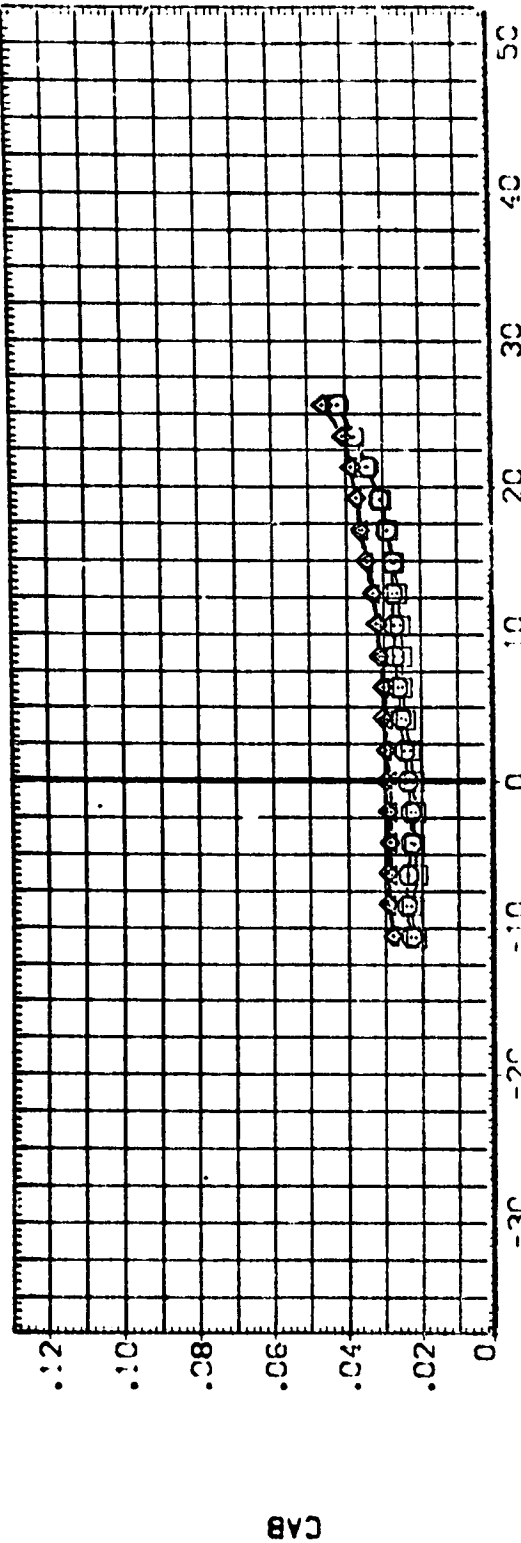


FIG 6 ELEVON GAP SEALING EFFECTS ON LONGITUDINAL CHARACTERISTICS, OMS OFF

(A) MACH = .26



DATA SET SYMBOL CONFIGURATION DESCRIPTION

01193	062C12F10	V127E55V8	R5	X9
01193	062C12F10	V127E55V8	R5	X9
01193	062C12F10	V127E55V8	R5	X9
01193	062C12F10	V127E55V8	R5	X9

SPDRK BOFLAP RLODER

25.000	-12.000	.000
25.000	-12.000	.000
25.000	.000	.000
25.000	.000	.000

REFERENCE INFORMATION

SREF	2690.0100	SC.FT.	\$
LREF	474.8100	SC.FT.	\$
BREF	936.6800	SC.FT.	\$
XREF	107.6	SC.FT.	\$
YREF	.0000	SC.FT.	\$
ZREF	375.0000	SC.FT.	\$
SCALE	.0005	SCALE	\$

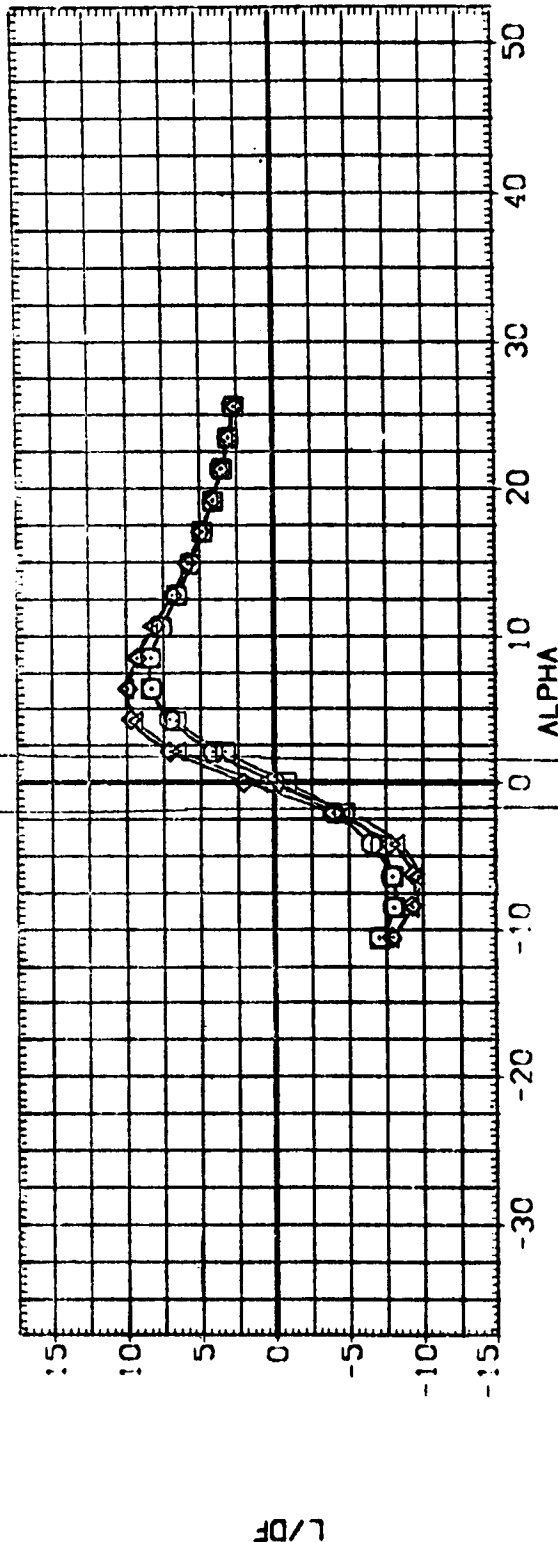
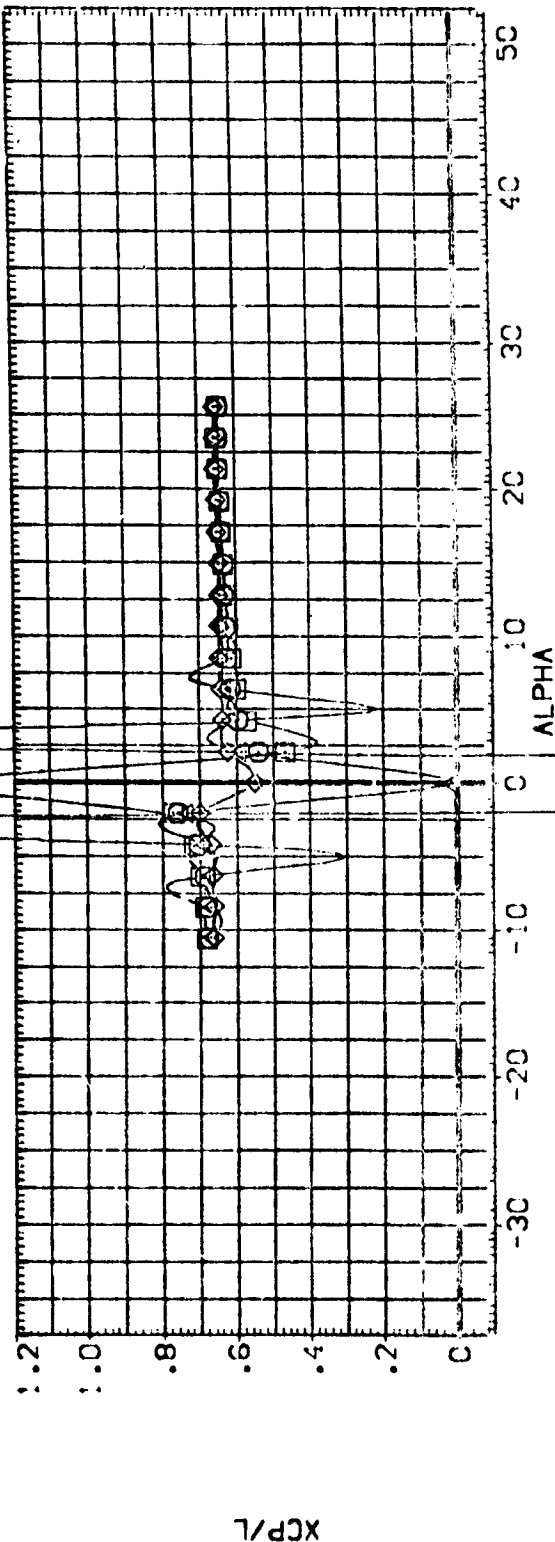


FIG 6 ELEVEN GAP SEALING EFFECTS ON LONGITUDINAL CHARACTERISTICS. QMS OFF

(A)MAC- = .26

DATA SET SYMBOL: [B 9009] [B 9017] [B 9018] [B 9019]

CONFIGURATION DESCRIPTION: 011153 862012F10 011153 862012F10 011153 862012F10 011153 862012F10

REFERENCE INFORMATION: SREF 2690.0100 SQ.FT. 52.475
LREF 474.8100 INCHES 11.915
BREF 936.6800 INCHES 23.815
XMRP 1076.6800 INCHES 27.355
YMRP 0.0000 INCHES 0.000
ZMRP 375.0000 INCHES 9.525
SCALE 0.025

SPOBRK 25.000
BDFLAP -12.000
RUDDER .000
CCC .000
CCC .000
CCC .000

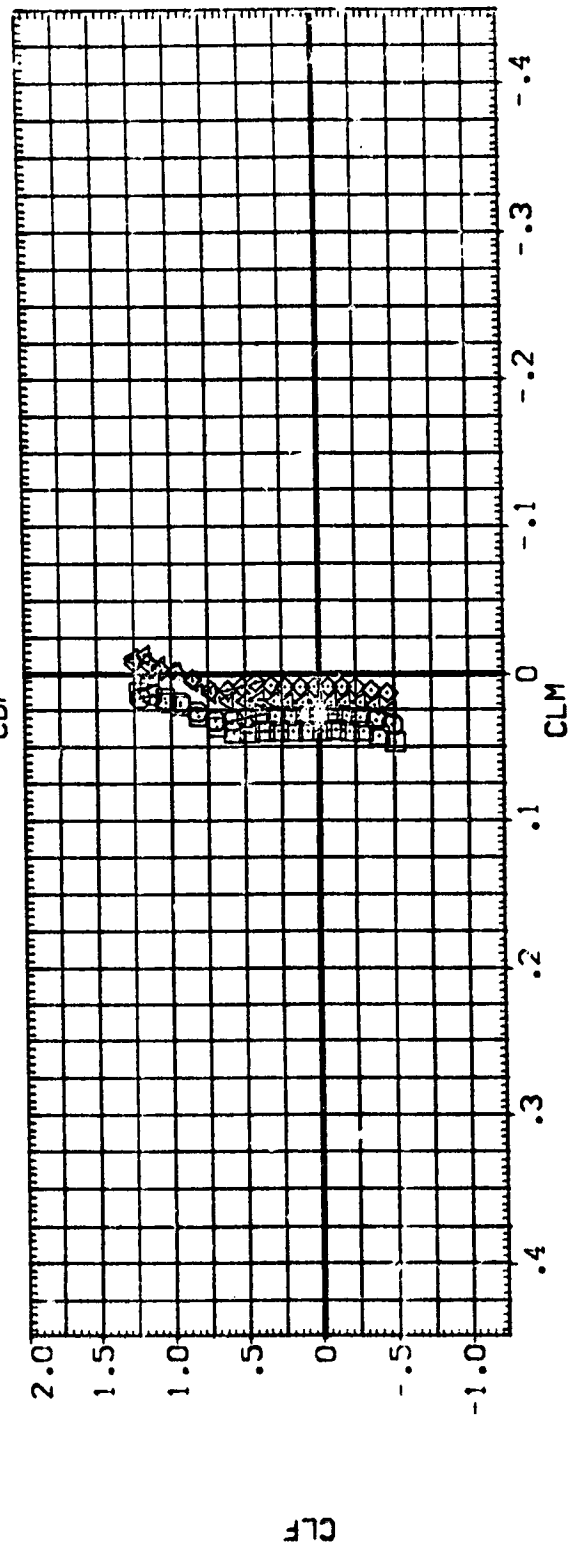
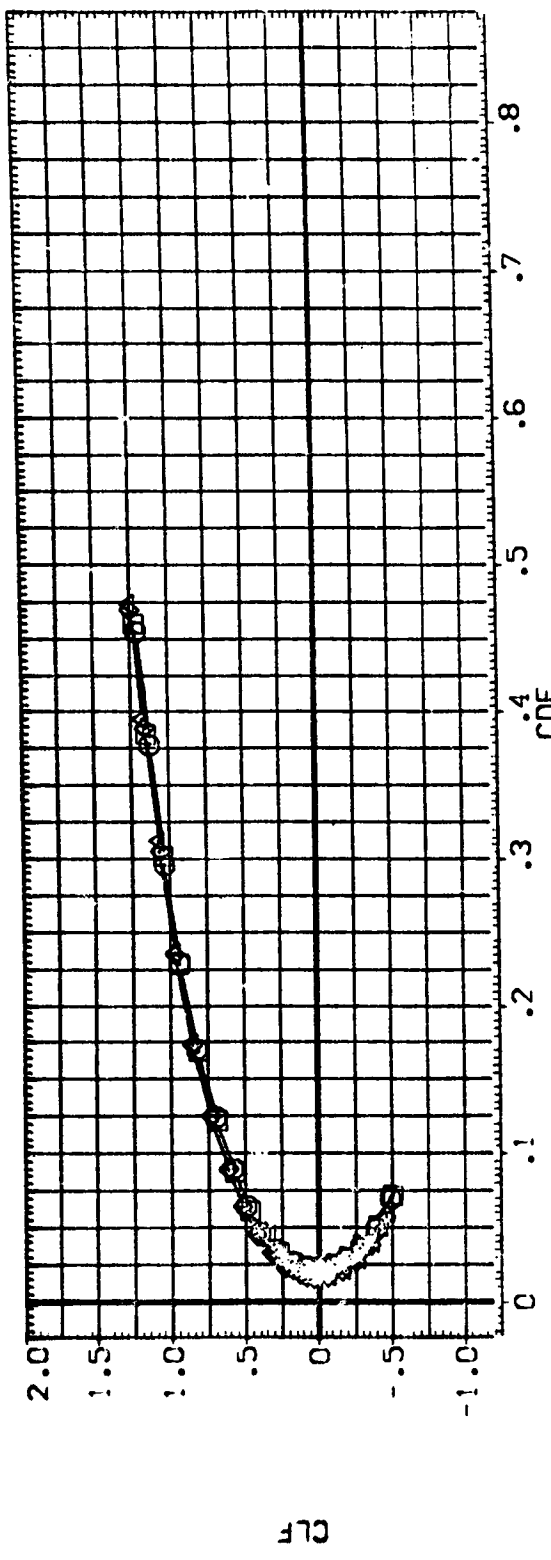


FIG 6 ELEVON GAP SEALING EFFECTS ON LONGITUDINAL CHARACTERISTICS, 0MS OFF
(M)MACH = .26 PAGE 16



DATA SET SYMB.	CONF. INFORMATION	SPDRK	BOFLAP	RJDER	REFERENCE INFORMATION
(3) 9008	DA1193 8620 27E55V8 R5 X9	25.000	-12.000	.000	SREF 2690.0100 SQ.FT.
(3) 9009	DA1193 8620 27E55V8 R5 X9	25.000	-12.000	.000	LRIF 474.8100 INCHES
(3) 9010	DA1193 8620 27E55V8 R5 X9	25.000	.000	.000	BREF 936.8800 INCHES
(3) 9011	DA1193 8620 27E55V8 R5 X9	25.000	.000	.000	YREF 1076.5800 INCHES
(3) 9012	DA1193 8620 27E55V8 R5 X9	25.000	.000	.000	ZREF 375.0000 INCHES
(3) 9013	DA1193 8620 27E55V8 R5 X9	25.000	.000	.000	SCALE .0100 SCALE

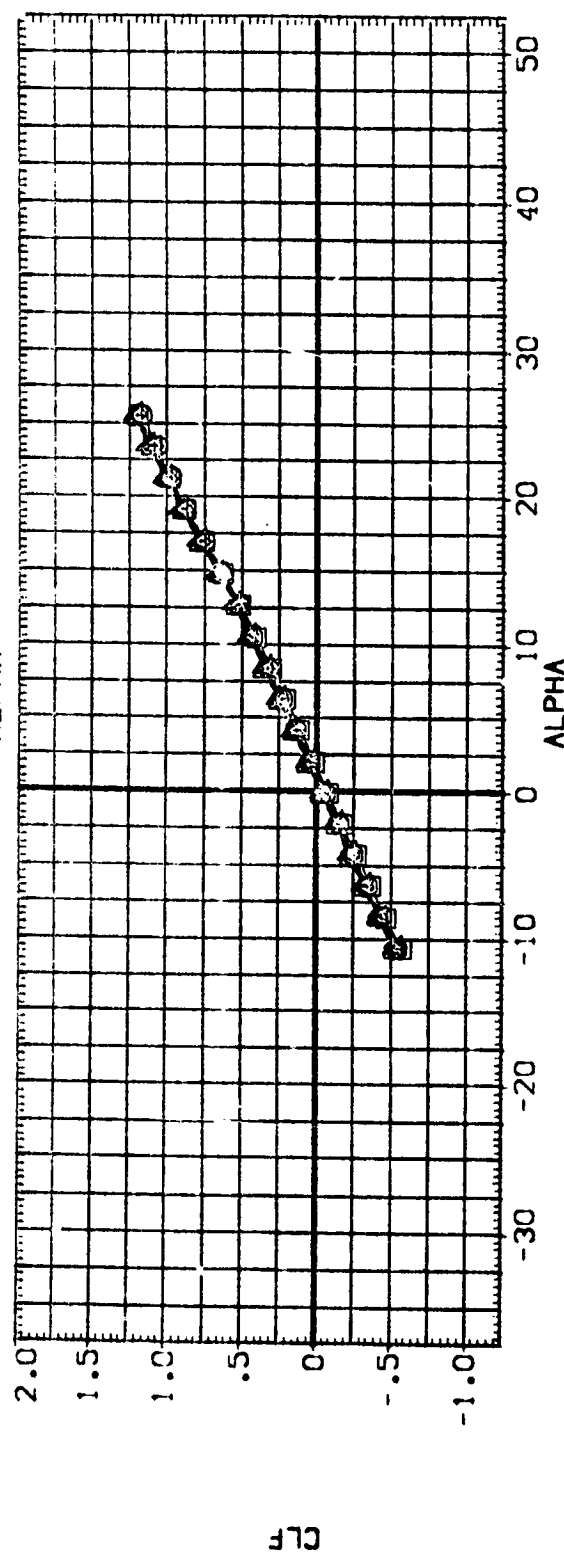
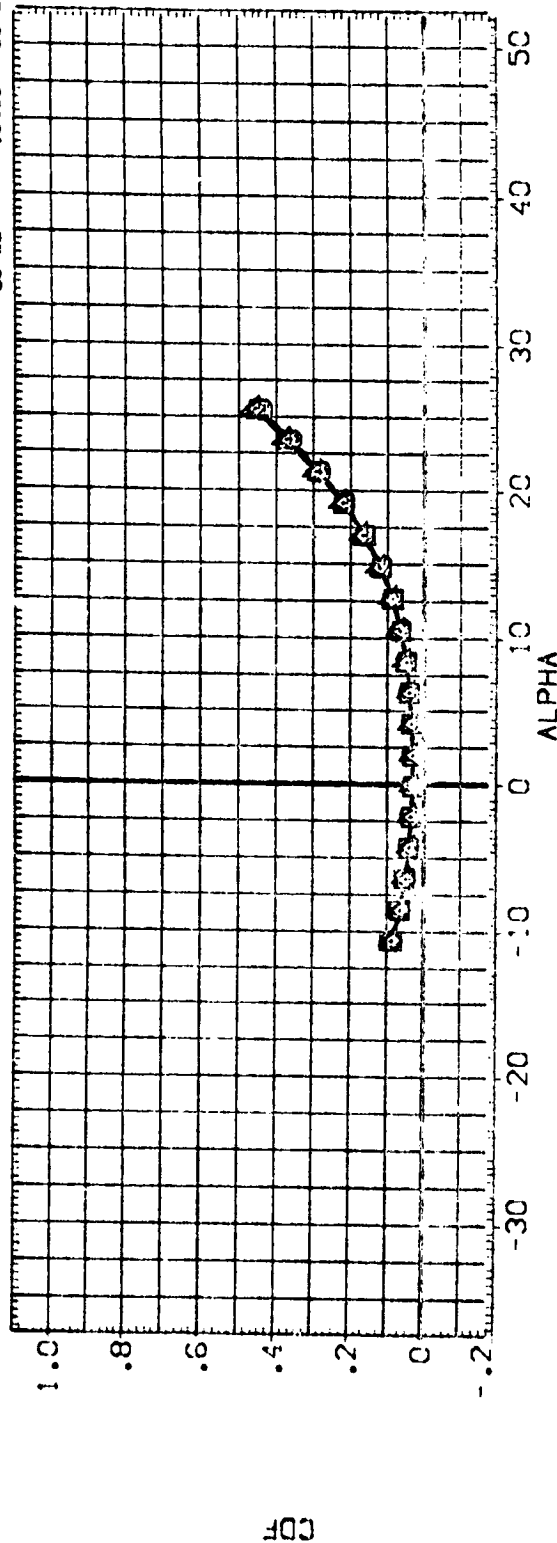


FIG 7 ELEVEN GAP SEALING EFFECTS ON LONGITUDINAL CHARACTERISTICS, SHORT OMS
 (A) MACH = .26 PAGE 17

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPDRK	BOFLAP	RUDER	REFERENCE INFORMATION
[B 9008]	0A1198 B62C12 10M16N28V17E55V8 RS X9	25.000	-12.000	.000	SREF 2690.0100 SCALE .0405
[B 9009]	0A1198 B62C12 10M16N28V17E55V8 RS X9	25.000	-12.000	.000	LREF 474.8100 INCHES
[B 9010]	0A1198 B62C12 10M16N28V17E55V8 RS X9	25.000	.000	.000	BREF 936.6800 INCHES
[B 9011]	0A1198 B62C12 10M16N28V17E55V8 RS X9	25.000	.000	.000	VMRP 1076.0000 INCHES
[B 9012]	0A1198 B62C12 10M16N28V17E55V8 RS X9	25.000	.000	.000	VMRP 375.0000 INCHES
[B 9013]	0A1198 B62C12 10M16N28V17E55V8 RS X9	25.000	.000	.000	SCALE .0405

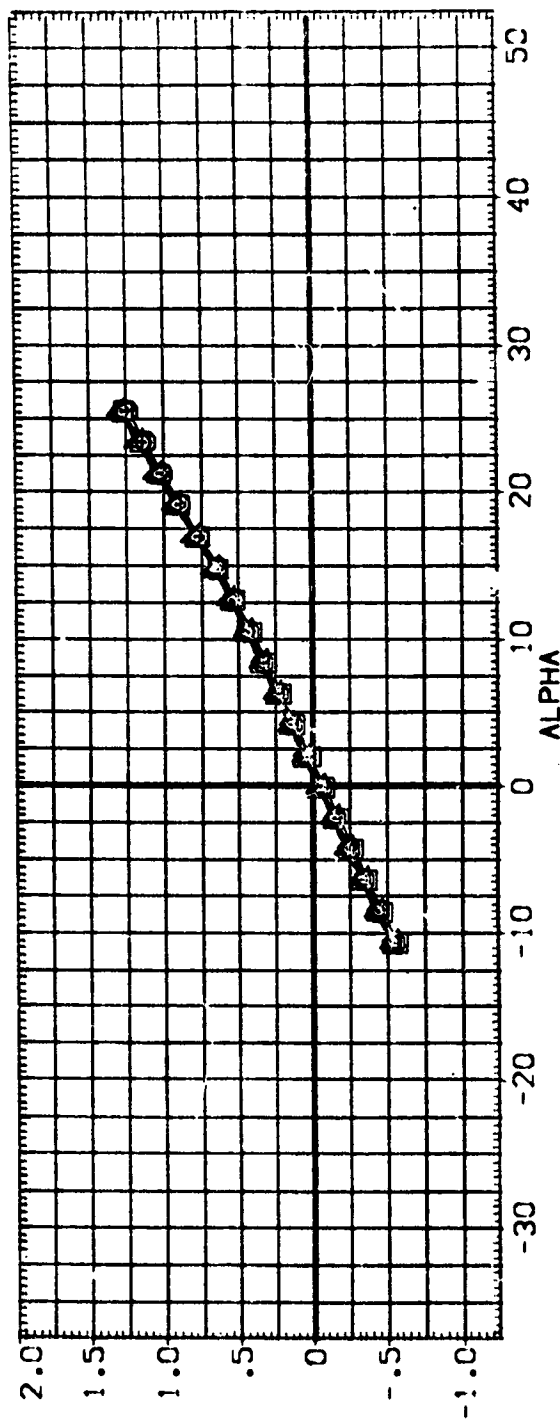
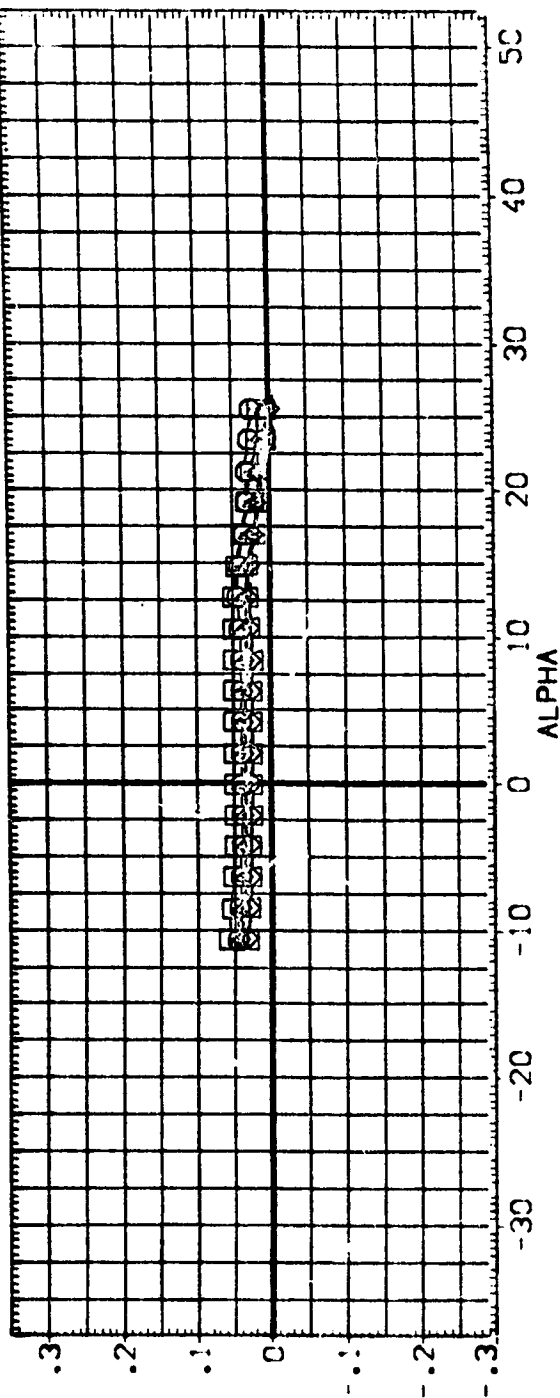


FIG 7 ELEVON GAP SEALING EFFECTS ON LONGITUDINAL CHARACTERISTICS, SHORT CMS

(A)MACH = .26



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPO3BK	BOFLAP	RJDDER	REFERENCE INFORMATION
[B 9038]	DA1193 8620 2F 10M16A28M127E55V8 R5 X9	25.000	-12.000	.000	SREF 2690.0100 SQ.F.T.
[B 9039]	DA1193 8620 2F 10M16A28M127E55V8 R5 X9	25.000	-12.000	.000	LREF 474.8100 INCHES
[B 9040]	DA1193 8620 2F 10M16A28M127E55V8 R5 X9	25.000	.000	.000	BREF 936.6800 INCHES
[B 9041]	DA1193 8620 2F 10M16A28M127E55V8 R5 X9	25.000	.000	.000	XMRP 1076.0800 INCHES
[B 9042]	DA1193 8620 2F 10M16A28M127E55V8 R5 X9	25.000	.000	.000	YMRP 0000 INCHES
[B 9043]	DA1193 8620 2F 10M16A28M127E55V8 R5 X9	25.000	.000	.000	ZMRP 375.0000 INCHES
					SCALE .0405

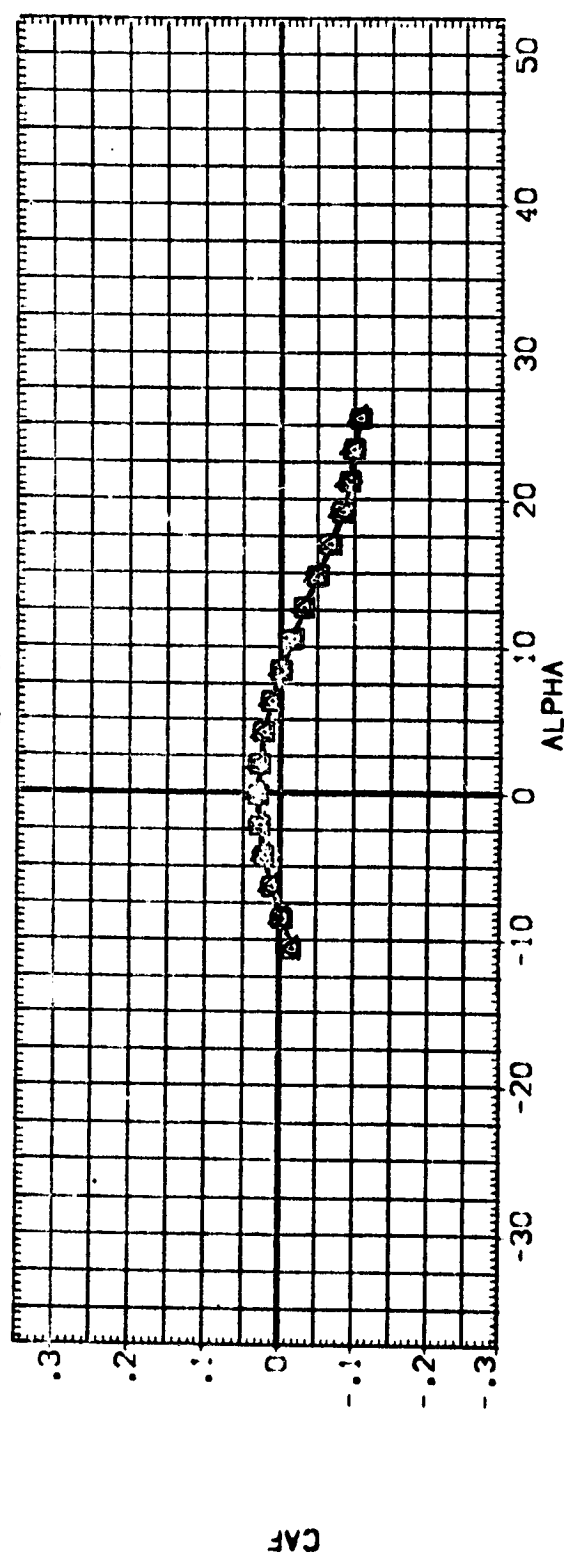
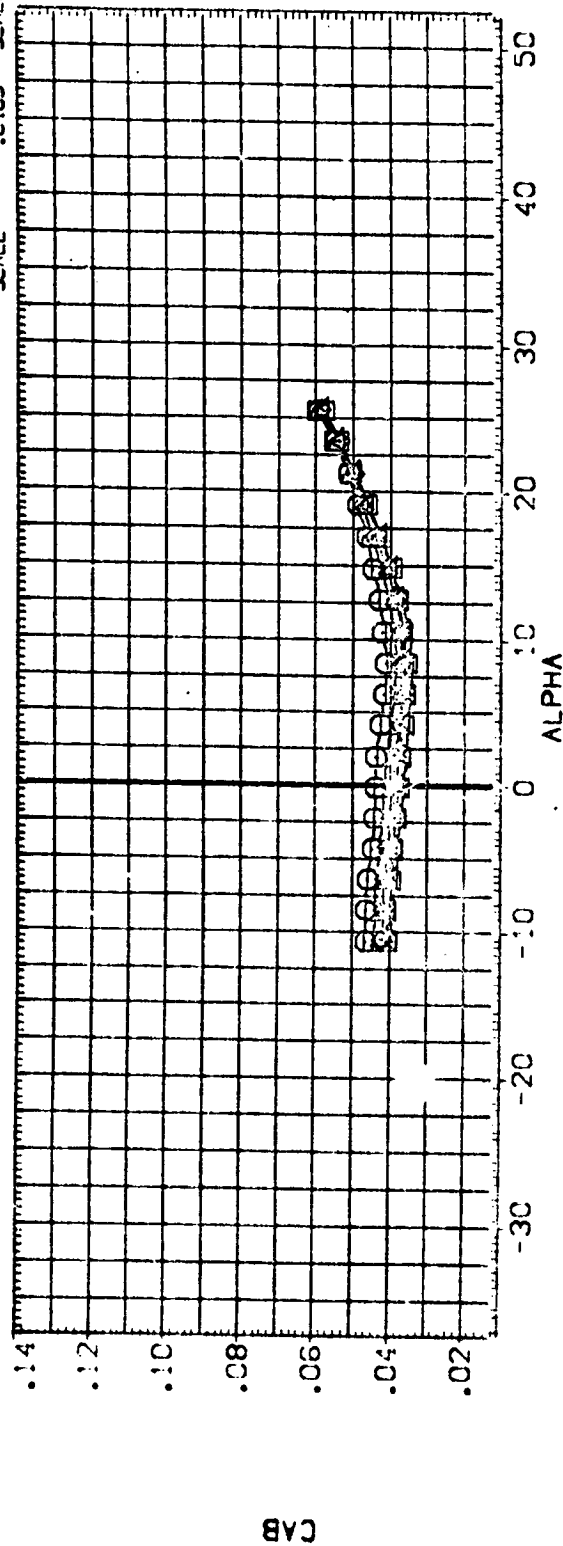


FIG 7 ELEVEN GAP SEALING EFFECTS ON LONGITUDINAL CHARACTERISTICS, SHORT QMS
 (AJ)VAC₁ = .26 PAGE 19

REFERENCE INFORMATION

SREF	2690.0100	SO.FT.
REF	474.8100	NG.E.S
REF	936.5800	NG.E.S
XMRP	1076.5800	NG.E.S
YMRP	.0000	NG.E.S
ZMRP	375.0000	NG.E.S
SCALE	.0405	SCALE

SPDRK BOFLAP R.DDER

SPDRK	25.000	BOFLAP	.000	R.DDER	.000
SPDRK	25.000	BOFLAP	-12.000	R.DDER	.000
SPDRK	25.000	BOFLAP	-12.000	R.DDER	.000
SPDRK	25.000	BOFLAP	.000	R.DDER	.000
SPDRK	25.000	BOFLAP	.000	R.DDER	.000
SPDRK	25.000	BOFLAP	.000	R.DDER	.000

DATA SET SYMBO. CC-FIGURATION DESCRIPTION

DATA SET SYMBO.	0A	193	8620	2F	10M	6N28M	27E55V8	RS	X9
DATA SET SYMBO.	0A	193	8620	2F	10M	6N28M	27E55V8	RS	X9
DATA SET SYMBO.	0A	193	8620	2F	10M	6N28M	27E55V8	RS	X9
DATA SET SYMBO.	0A	193	8620	2F	10M	6N28M	27E55V8	RS	X9
DATA SET SYMBO.	0A	193	8620	2F	10M	6N28M	27E55V8	RS	X9
DATA SET SYMBO.	0A	193	8620	2F	10M	6N28M	27E55V8	RS	X9

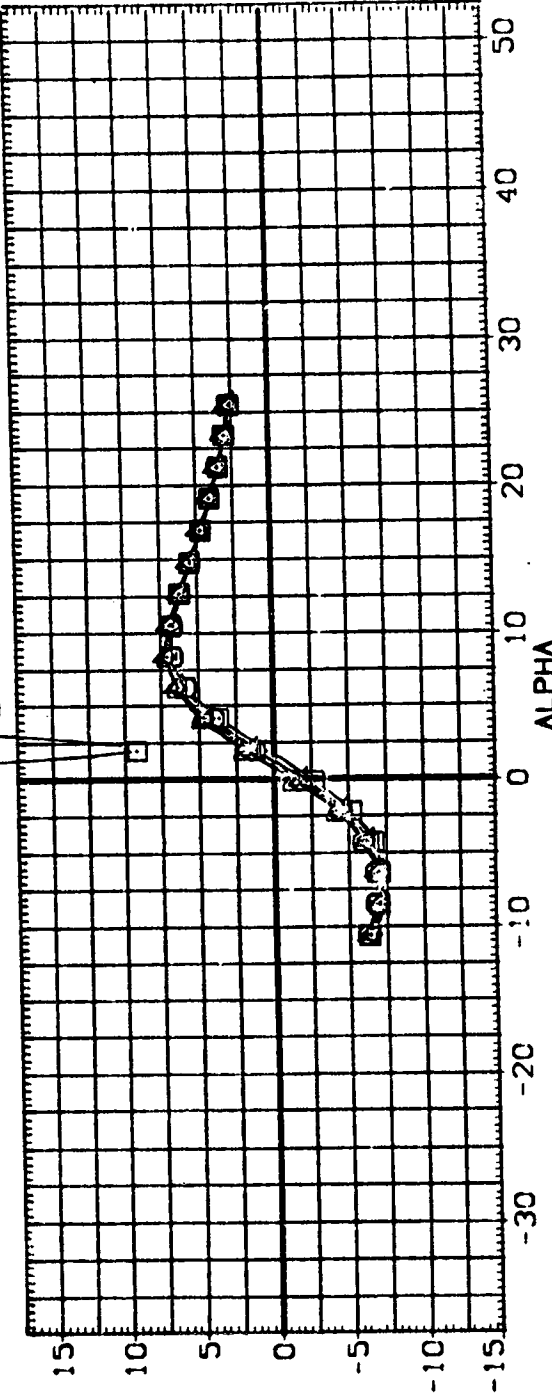
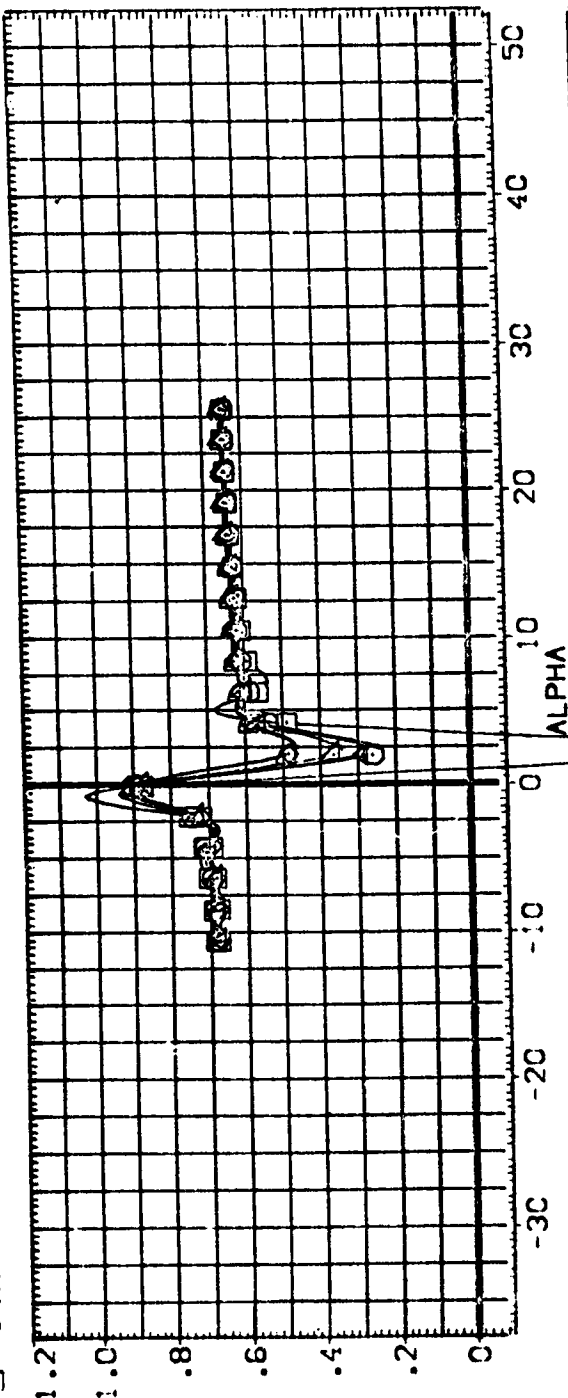


FIG 7 ELEVON GAP SEALING EFFECTS ON LONGITUDINAL CHARACTERISTICS, SHORT OMS
 (A)MAC_m = .26



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	BOFLAP	RUDDER	REFERENCE INFORMATION
[B 9038]	C	OA 1199 867C 27E55V8 R5 X9	25.000	-12.000	.000	SREF 2690.0100 SQ.FT.
[B 9039]	C	OA 1199 867C 27E55V8 R5 X9	25.000	-12.000	.000	LREF 474.8100
[B 9040]	C	OA 1199 867C 27E55V8 R5 X9	25.000	.000	.000	BREF 936.6800
[B 9041]	C	OA 1199 867C 27E55V8 R5 X9	25.000	.000	.000	XREF 1076.6800
[B 9042]	C	OA 1199 867C 27E55V8 R5 X9	25.000	.000	.000	YREF 375.0000
[B 9043]	C	OA 1199 867C 27E55V8 R5 X9	25.000	.000	.000	ZREF 0.0000
[B 9044]	C	OA 1199 867C 27E55V8 R5 X9	25.000	.000	.000	SCALE .0100

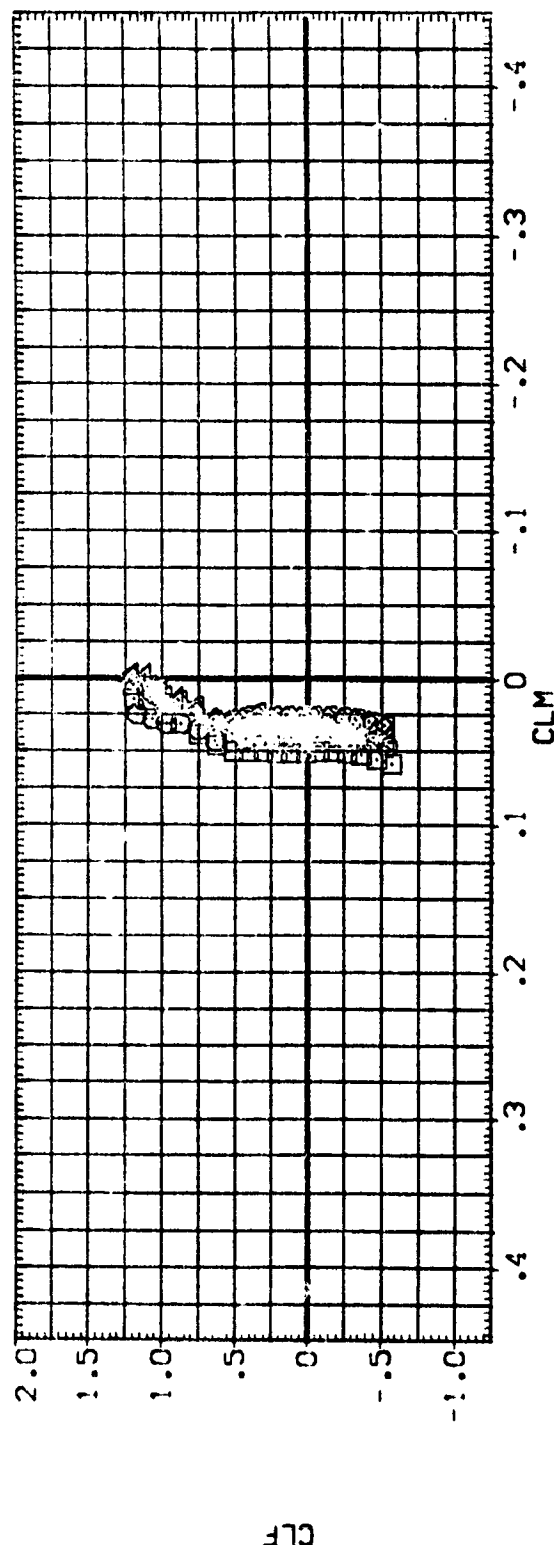
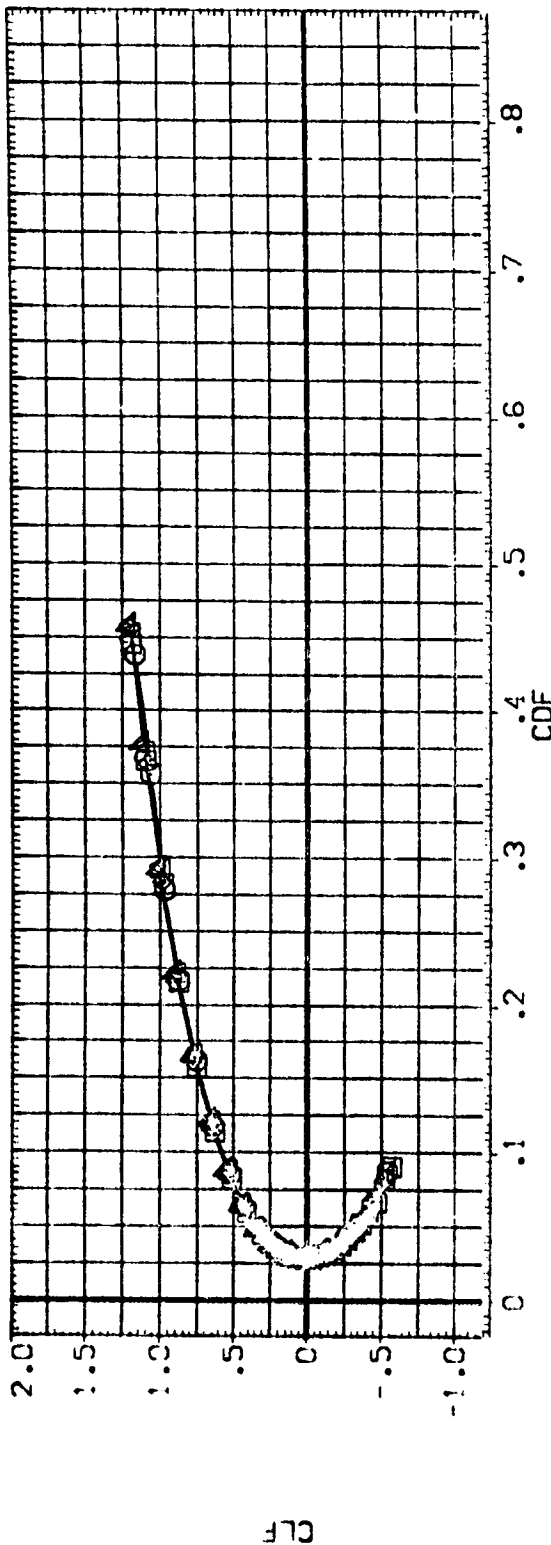


FIG 7 ELEVON GAP SEALING EFFECTS ON LONGITUDINAL CHARACTERISTICS, SHORT CMS

(A)YACH = .26

DATA SET SYMBOL: 0 1 2 3 4 5 6 7 8 9
 CONFIGURATION DESCRIPTION: 011193 862C12 10M18A28 127E55V8 RS X9
 011193 862C12 10M18A28 127E55V8 RS X9
 011193 862C12 10M18A28 127E55V8 RS X9

ELV-LO ELV-LI ELV-RI ELV-RO
 .000 20.000 20.000 20.000
 20.000 20.000 20.000 20.000
 20.000 20.000 20.000 20.000

REFERENCE INFORMATION:
 SREF 2690.0100 SQ.FT.
 LREF 474.8100 INCHES
 BRFP 936.6800 INCHES
 XMRP 1276.6800 INCHES
 YMRP .0000 INCHES
 ZMRP .0000 INCHES
 SCALE 375.0000 INCHES
 .0405

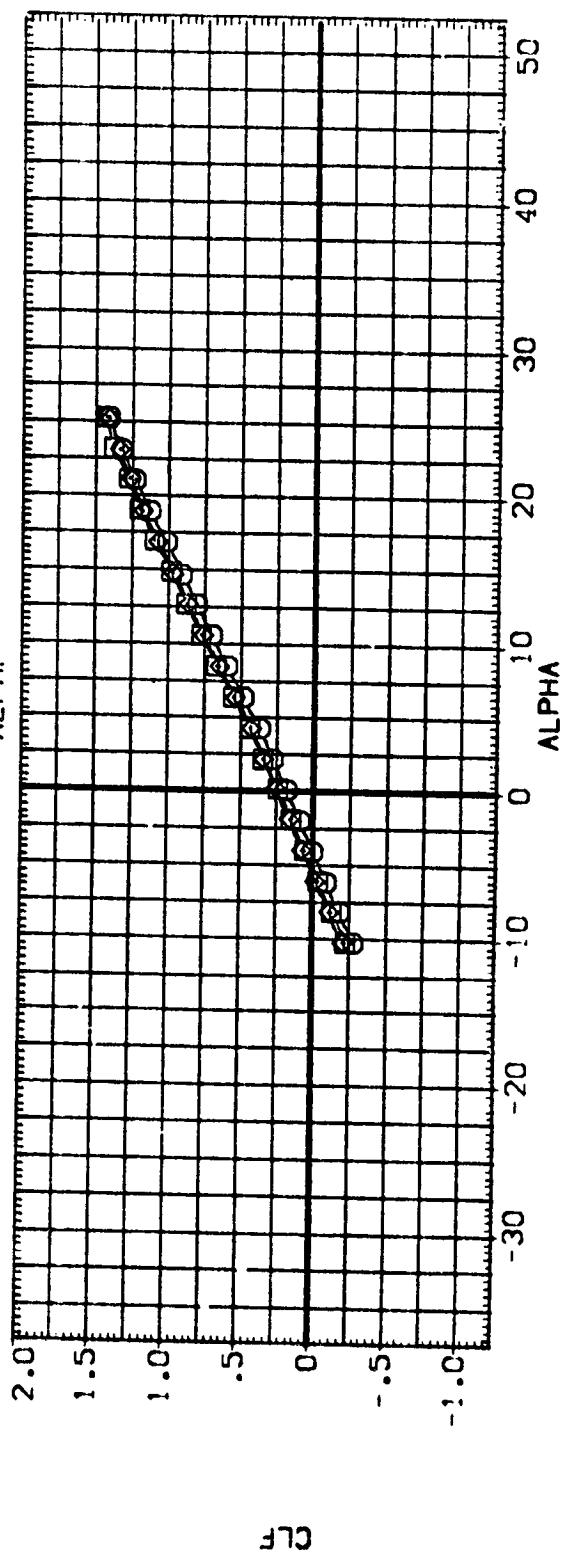
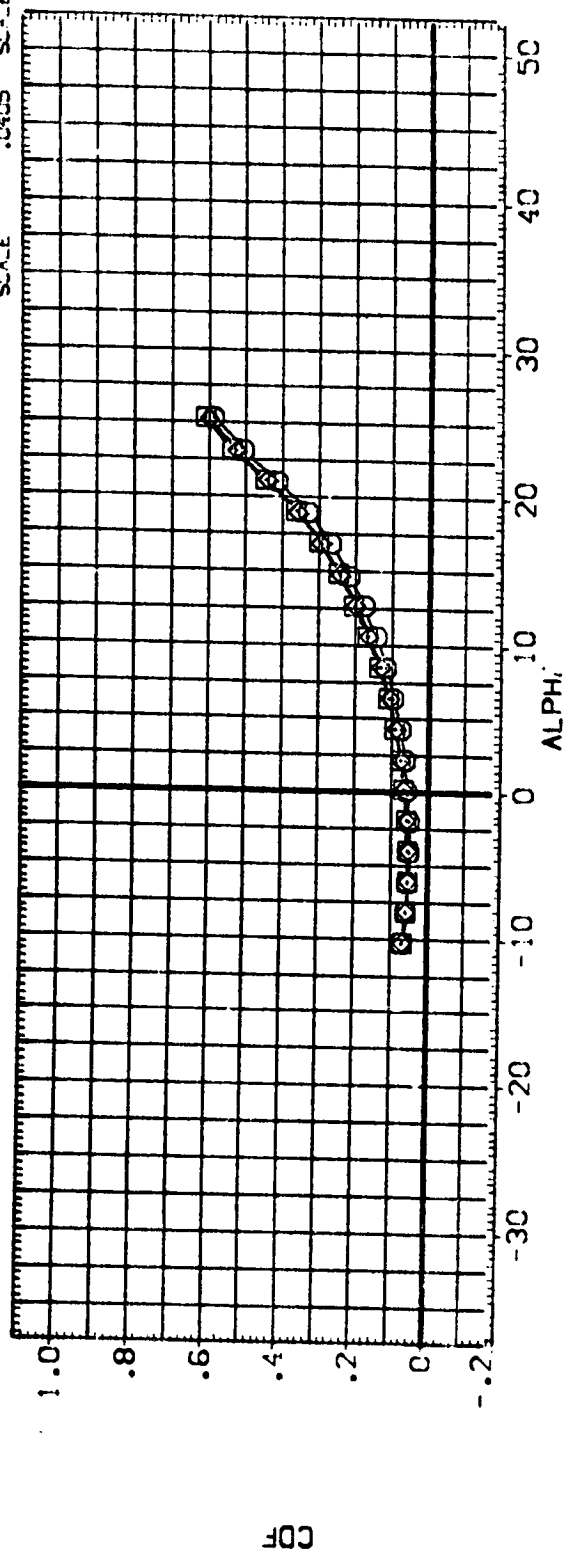


FIG 8 ELEVON GAP SEALING EFFECTS ON LONG. CHAR., SHORT OMS, ELEVON = 20 DEG.
 (A)MACH = .20



DATA SET SYMBO	CONF	IGRATION	DESCRIPTION	ELV-LJ	ELV-LI	ELV-RI	ELV-RJ	REFERENCE INFORMATION
(B-9144)	○	0A1199	862C12F10M16N28.127E55V8 R5 X9	20.000	20.000	20.000	20.000	SREF 2690.0100 50 FT
(B-9143)	○	0A1199	862C12F10M16N28.127E55V8 R5 X9	20.000	20.000	20.000	20.000	LREF 474.8100 IN-ESS
(B-9145)	◇	0A1199	862C12F10M16N28.127E55V8 R5 X9	20.000	20.000	20.000	20.000	BREF 936.6800 IN-ESS
								XREF 1076.6800 IN-ESS
								YREF 0.0000 IN-ESS
								ZREF 375.0000 IN-ESS
								SCALE 0.0000 IN-ESS

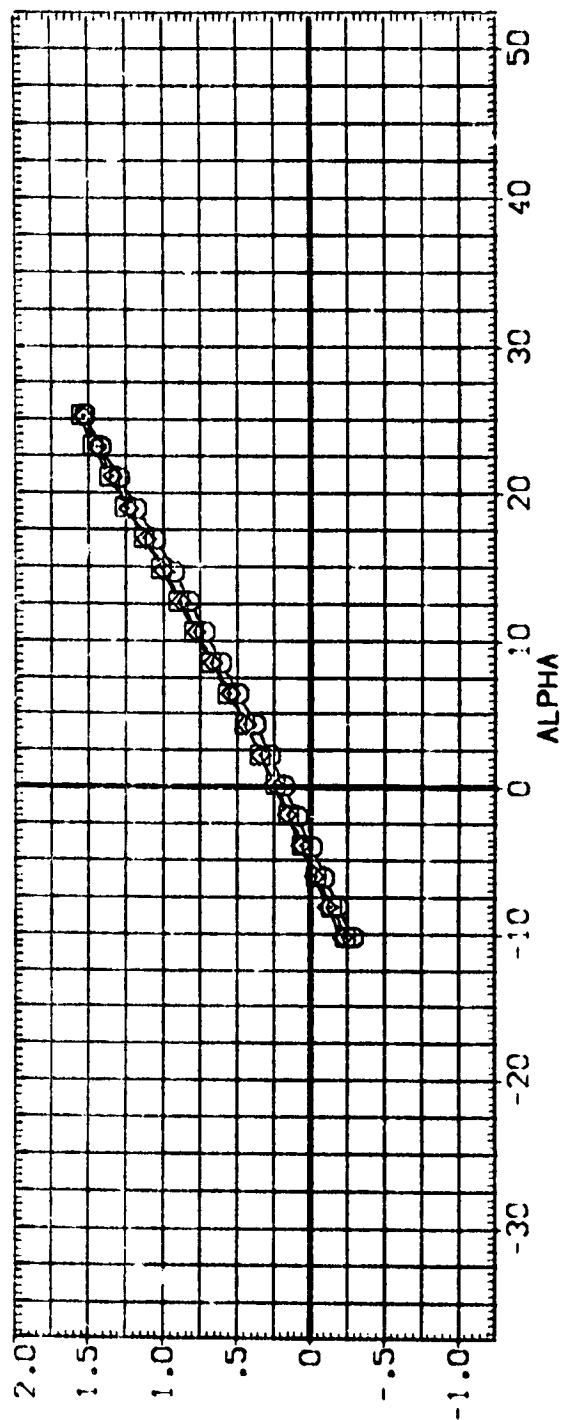
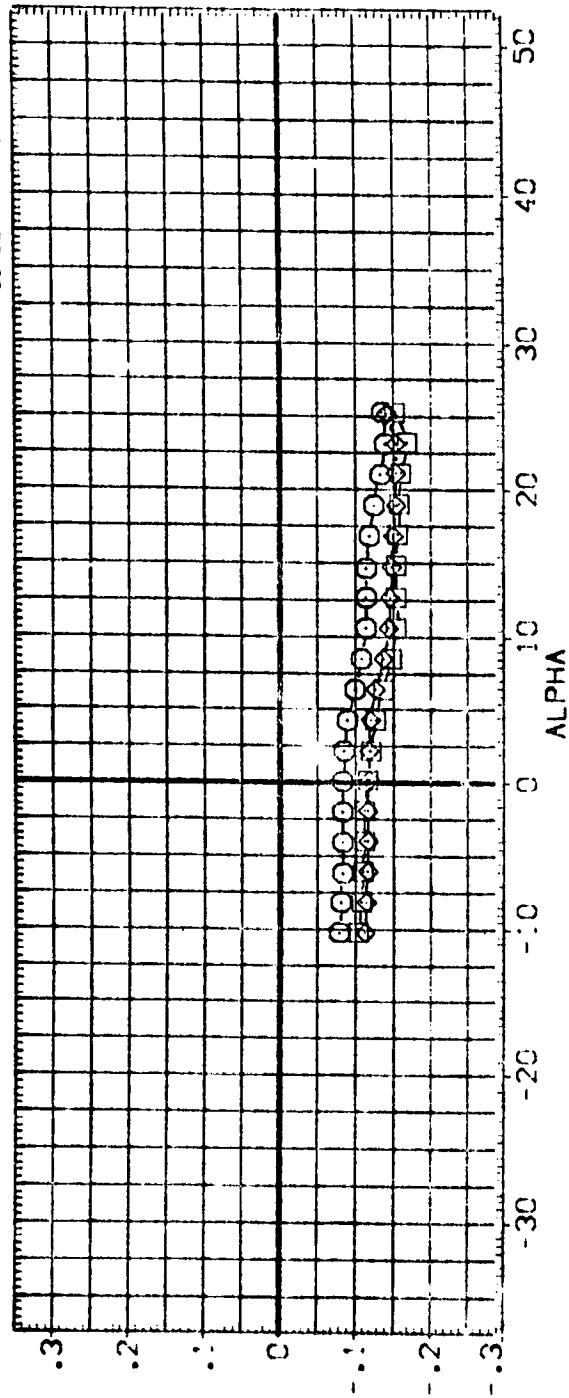


FIG 8 ELEVON GAP SEALING EFFECTS ON LONG. CHAR., SHORT OMS. ELEVON = 20 DEG.
 (A)MACH = .20 PAGE 23

DATA SET SYMB.	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
(B'9144)	0A1193 862C12F 10M16A28M127E55V8 RS X9	.000	20.000	20.000	20.000	SREF 2690.0100 50.00
(B'9143)	0A1193 862C12F 10M16A28M127E55V8 RS X9	20.000	20.000	20.000	20.000	LREF 474.8100 INCHES
(B'9145)	0A1193 862C12F 10M16A28M127E55V8 RS X9	20.000	20.000	20.000	20.000	BREF 936.6800 INCHES
						XREF 1076.6800 INCHES
						YREF .0000 INCHES
						ZREF 375.0000 INCHES
						SCALE .0405

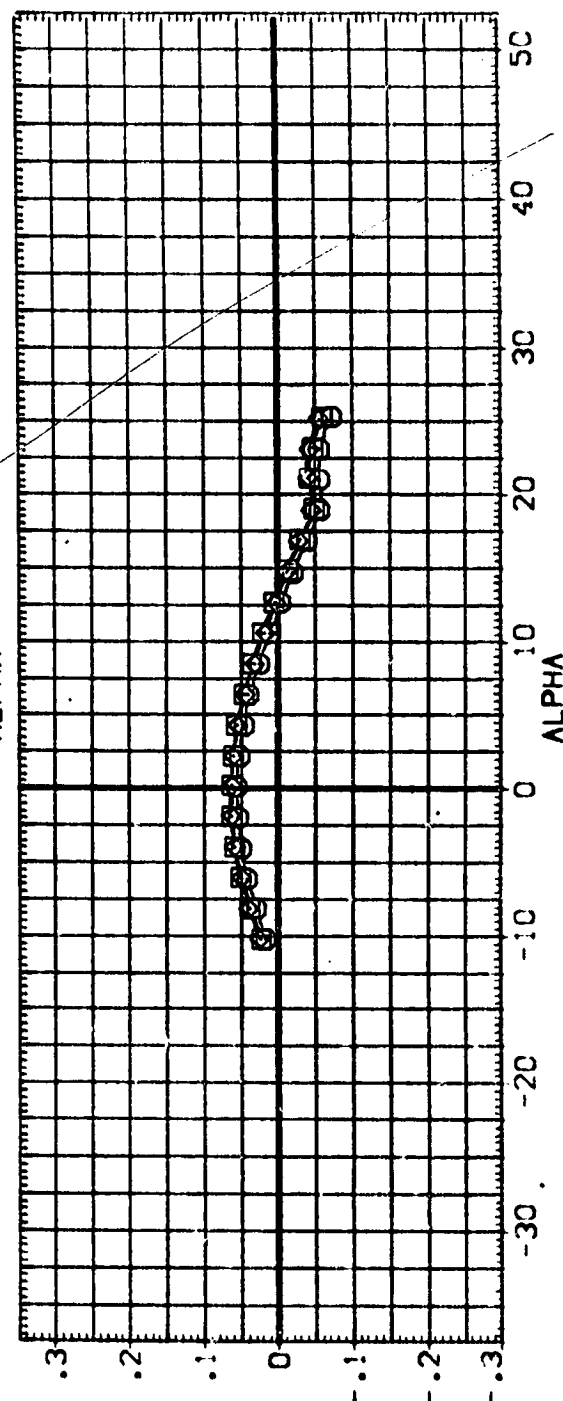
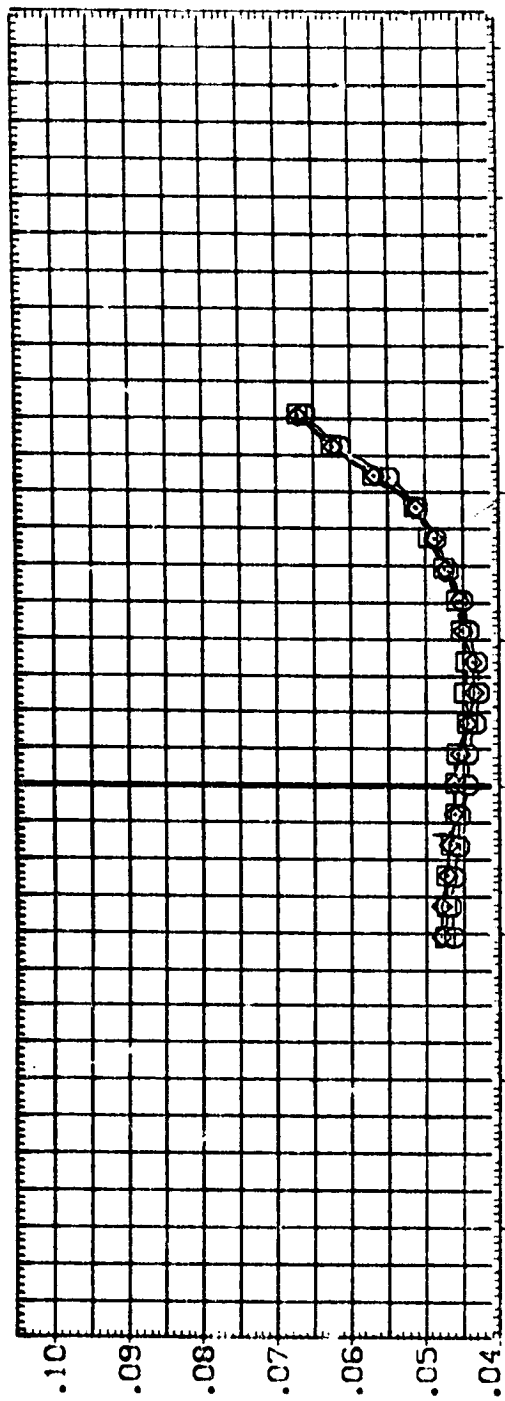


FIG 8 ELEVON GAP SEALING EFFECTS ON LONG. CHAR., SHORT OMS, ELEVON = 20 DEG.
 (A)MAC- = .20



DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
0A1193	8620 1 2 10 16 28 1 2 7 5 5 8 8 5 8
0A1193	8620 1 2 10 16 28 1 2 7 5 5 8 8 5 8
0A1193	8620 1 2 10 16 28 1 2 7 5 5 8 8 5 8
0A1193	8620 1 2 10 16 28 1 2 7 5 5 8 8 5 8

ELV-L0 ELV-L1 ELV-R1 ELV-R0

ELV-L0	ELV-L1	ELV-R1	ELV-R0
20.000	20.000	20.000	20.000
20.000	20.000	20.000	20.000
20.000	20.000	20.000	20.000
20.000	20.000	20.000	20.000

REFERENCE INFORMATION

REFERENCE INFORMATION	SCALE
SREF 2650.0100	SO.FT.
LREF 414.8100	SO.FT.
BREF 936.5800	SO.FT.
YREF 1075.5800	SO.FT.
ZREF 375.0000	SO.FT.
SCALE 3100	SO.FT.

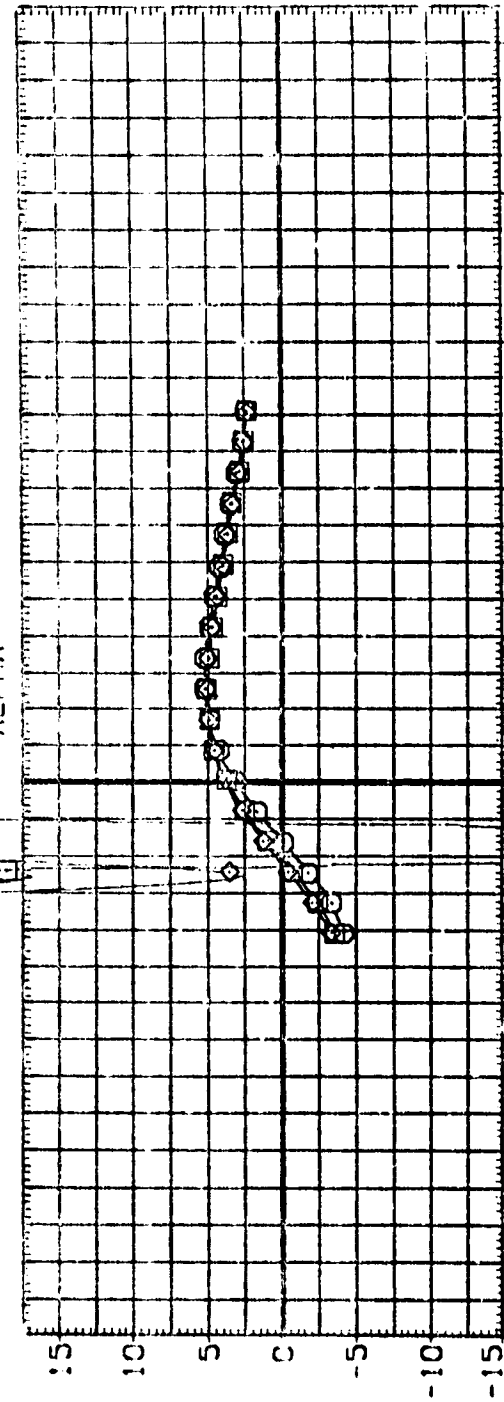
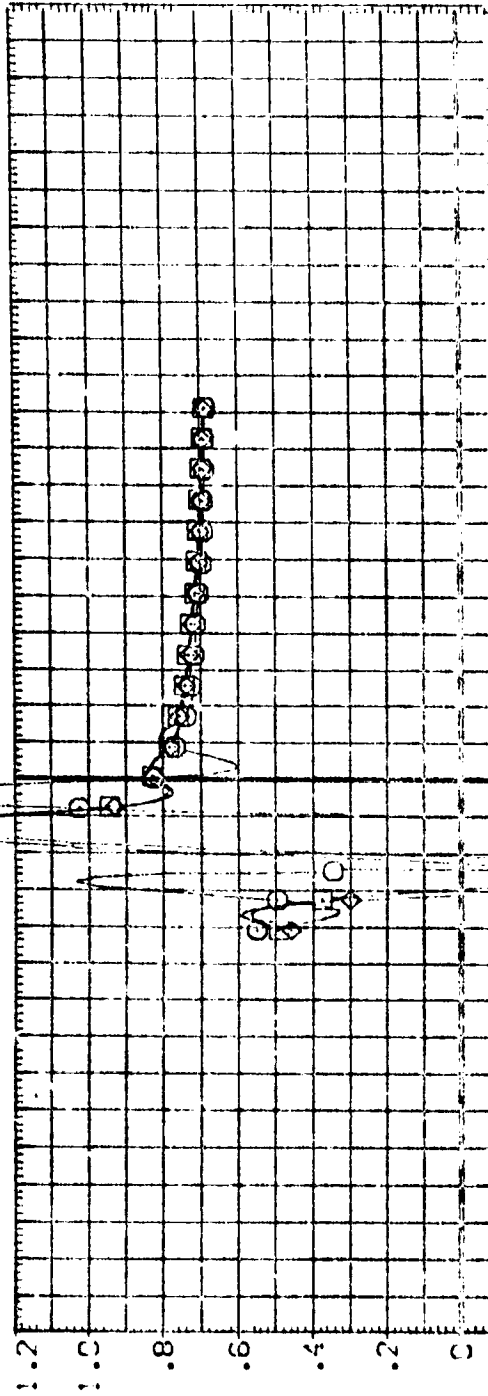


FIG 8 ELEVON GAP SEALING EFFECTS ON LONG. CHAR.. SHORT OMS. ELEVON = 20 DEG.

(A)MAC = .20

DATA SET SYMBOL	CONVIGRATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
(89143)	QAI193 B62C12C10M16N28M127E55V8 R5 X9	0.000	20.000	20.000	20.000	SREF 2690.0100 50.FT.
(89143)	QAI193 B62C12C10M16N28M127E55V8 R5 X9	20.000	20.000	20.000	20.000	LREF 574.8100 10.FT.
(89143)	QAI193 B62C12C10M16N28M127E55V8 R5 X9	20.000	20.000	20.000	20.000	BREF 936.8800 10.FT.
						VREF 1078.0800 10.FT.
						ZREF 375.0000 10.FT.
						SCALE 375.0000 10.FT.

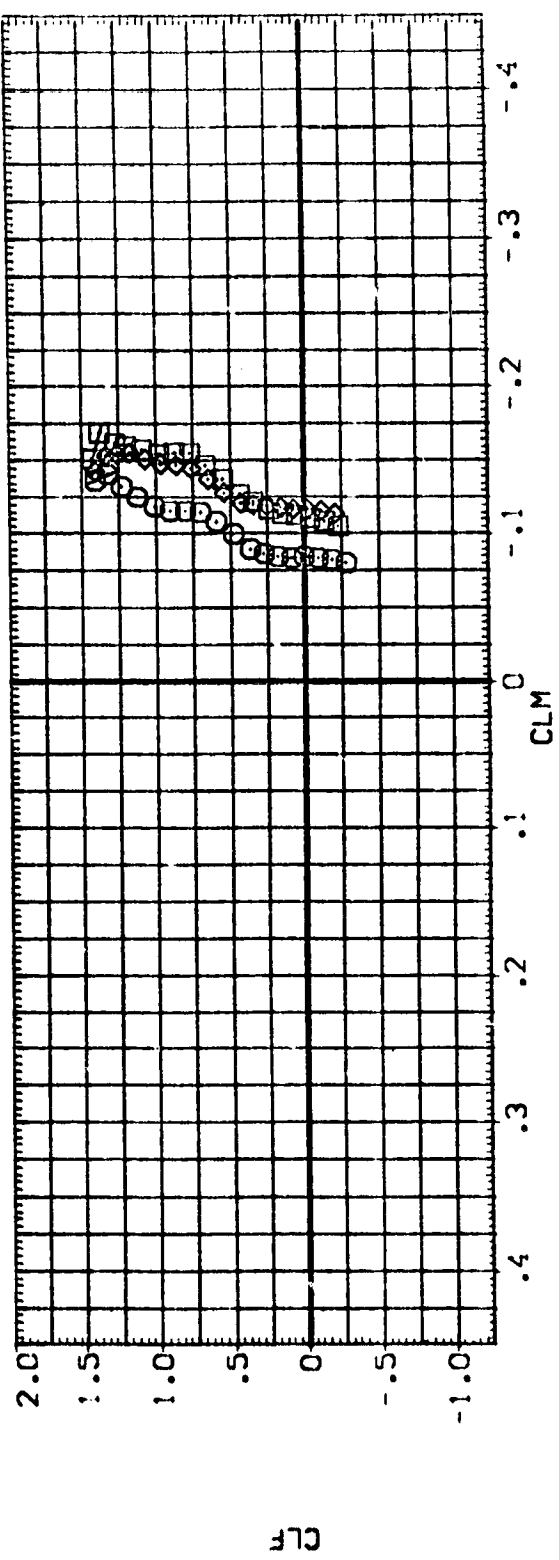
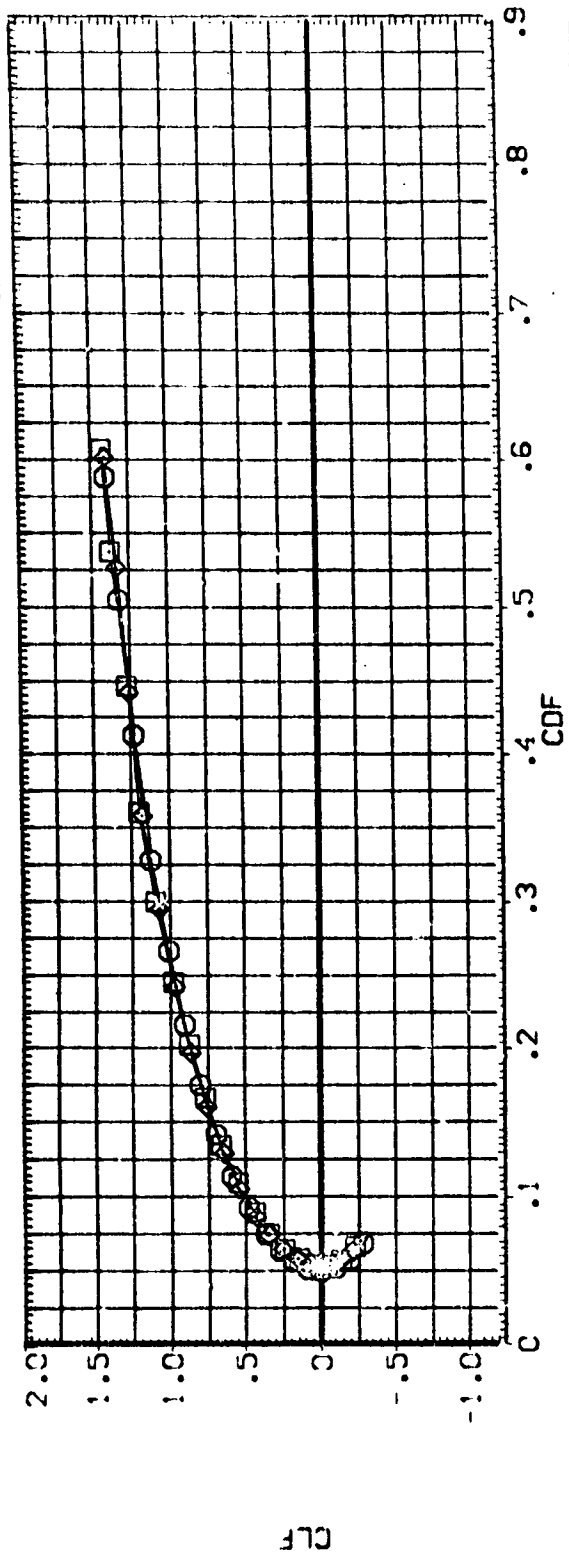


FIG 8 ELEVON GAP SEALING EFFECTS ON LONG. CHAR., SHORT OMS. ELEVON = 20 DEG.
 (A)MACH = .20 PAGE 26



DATA SET SYMBOL CONFIGURATION DESCRIPTION

Q	0A1193	862C12F	1047	N28V	27E55V8	R5	X9
X	0A1193	862C12F	1047	N28V	27E55V8	R5	X9
X	0A1193	862C12F	1047	N28V	27E55V8	R5	X9
X	0A1193	862C12F	1047	N28V	27E55V8	R5	X9

SPDRK 50FLAP RJDDR

25.000	-12.000	.000
25.000	-12.000	.000
25.000	.000	.000
25.000	.000	.000

REFERENCE INFORMATION

SOFF	2690.0100	SO.FT.
REF	474.8100	INCHES
REF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0400	SCALE

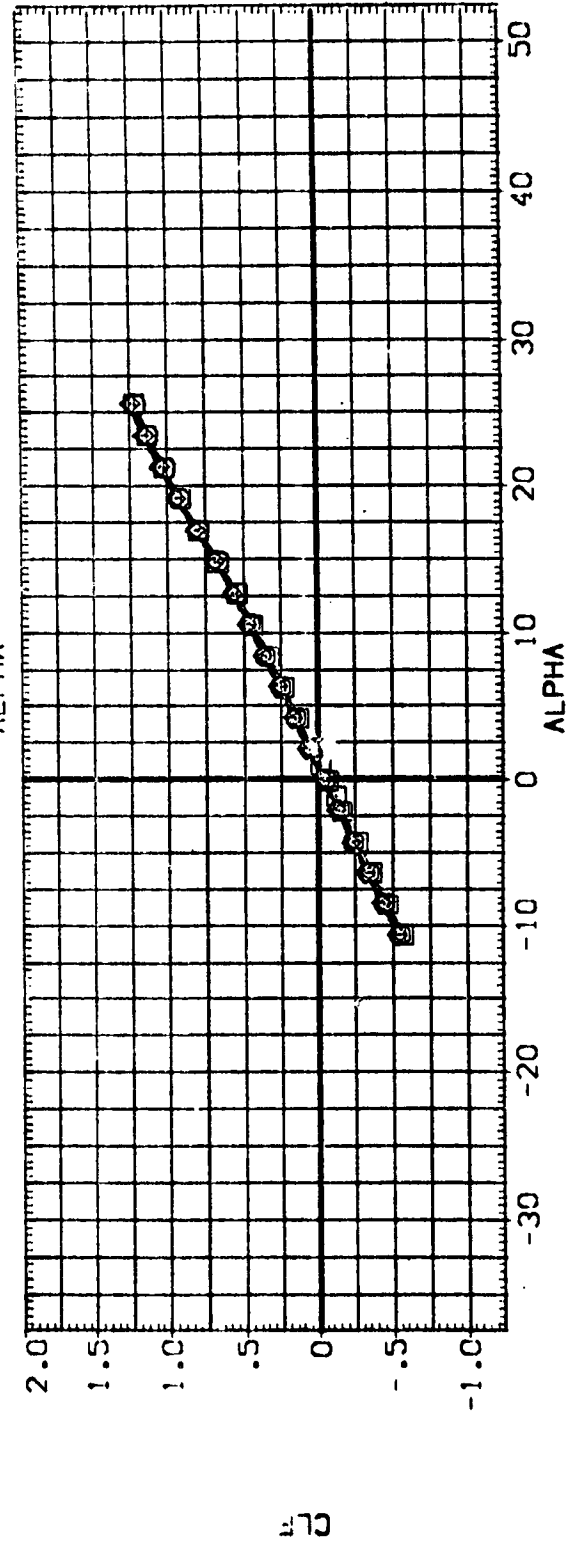
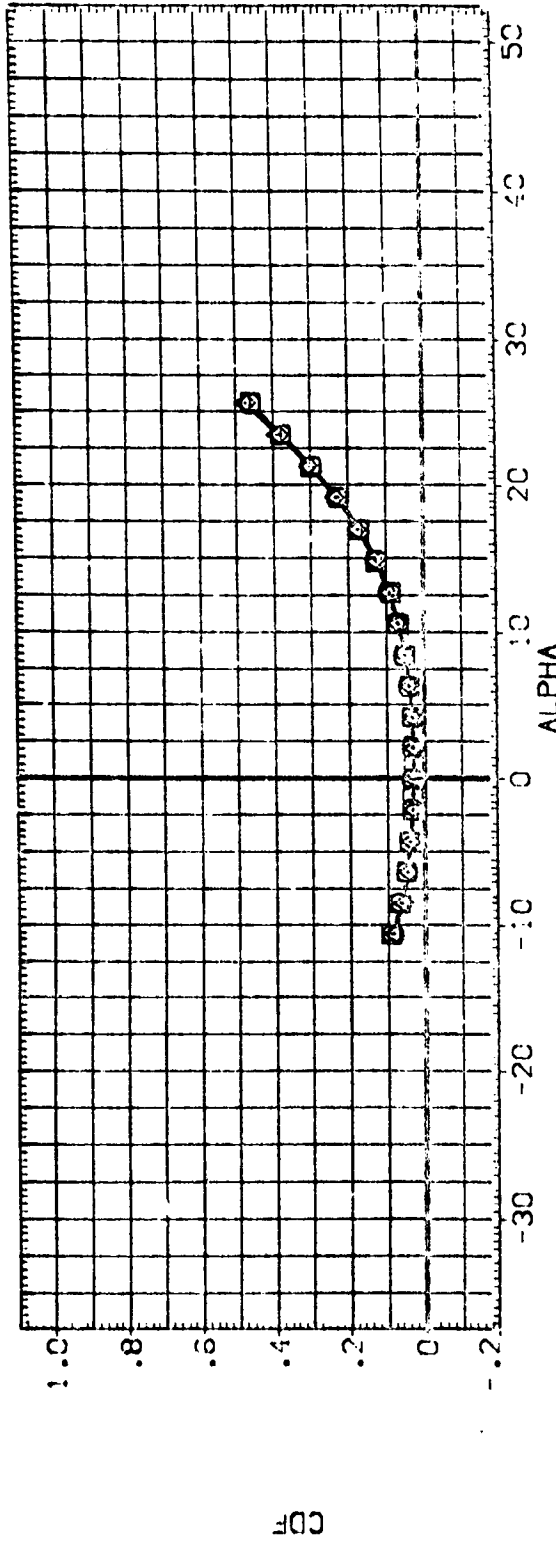


FIG 9 ELEVON GAP SEALING EFFECTS ON LONGITUDINAL CHARACTERISTICS, LONG OMS

(A)MACH = .26

REFERENCE INFORMATION

SREF	2690.0100	SO.FT.
LREF	473.8100	INCHES
BREF	936.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0425	SCALE

SPDRK BDLAP RUDER

SPDRK	25.000	BDLAP	.000	RUDER	.000
	25.000	-12.000	.000		.000
	25.000	-12.000	.000		.000
	25.000	.000	.000		.000
	25.000	.000	.000		.000

DATA SET SYMBOL

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
[3-9077]	0A1198 862C12F 1047 N28M127E55V8 R5 X9
[3-9078]	0A1198 862C12F 1047N28 V127E55V8 R5 X9
[3-9079]	0A1198 862C12F 1047N28 V127E55V8 R5 X9
[3-9080]	0A1198 862C12F 1047N28 V127E55V8 R5 X9

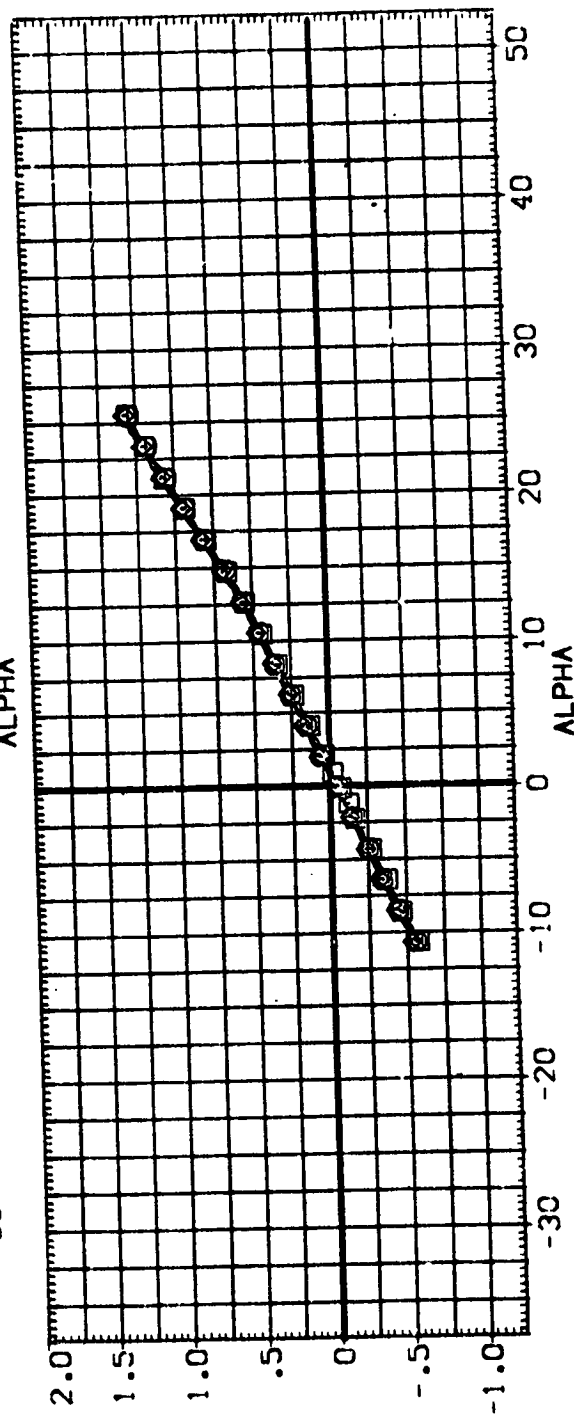
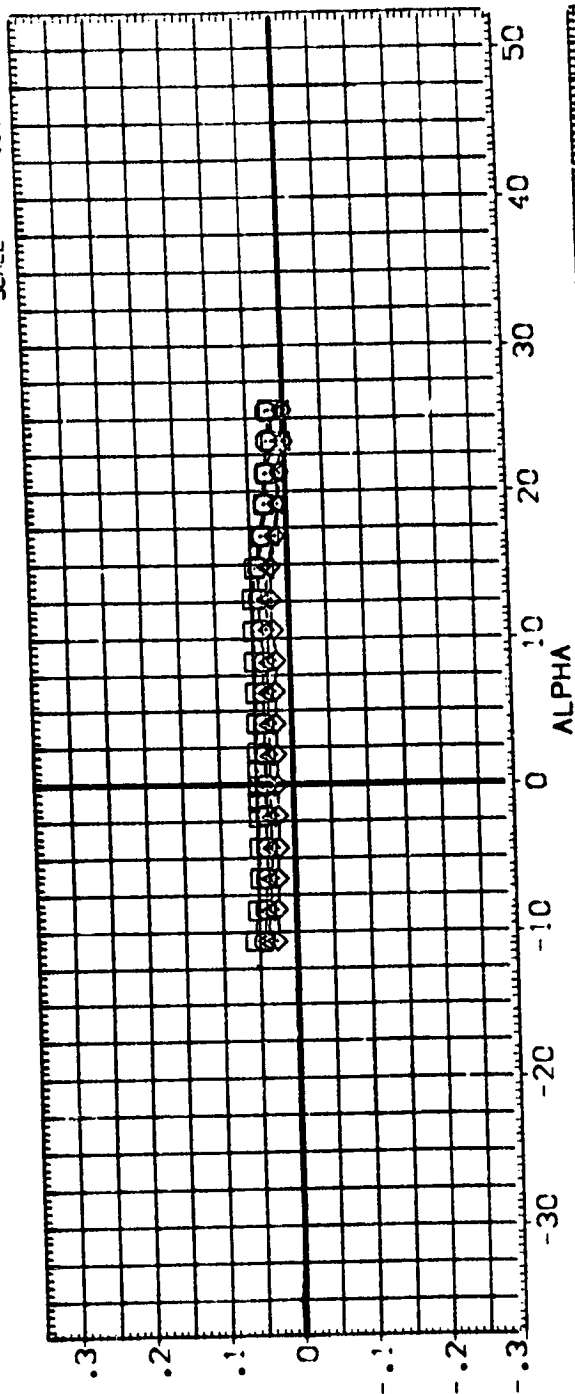


FIG 9 ELEVEN GAP SEALING EFFECTS ON LONGITUDINAL CHARACTERISTICS, LONG OMS

(A)MACH = .26



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	BOFLAP	RUDDER	REFERENCE INFORMATION
(B 9077)	0A1199 8620 12 1047 1284 127551 8 RS X9	25.000	-12.000	.000	SREF 2690.0100 50.00
(A 9078)	0A1199 8620 12 1047 1284 127551 8 RS X9	25.000	-12.000	.000	REF 1114.8100 100.00
(B 9079)	0A1199 8620 12 1047 1284 127551 8 RS X9	25.000	.000	.000	BREF 336.8800 100.00
(B 9080)	0A1199 8620 12 1047 1284 127551 8 RS X9	25.000	.000	.000	XMRP 1076.8800 100.00
(B 9081)	0A1199 8620 12 1047 1284 127551 8 RS X9	25.000	.000	.000	YMRP 375.0000 100.00
(B 9082)	0A1199 8620 12 1047 1284 127551 8 RS X9	25.000	.000	.000	ZMRP 375.0000 100.00
(B 9083)	0A1199 8620 12 1047 1284 127551 8 RS X9	25.000	.000	.000	SCALE .0405

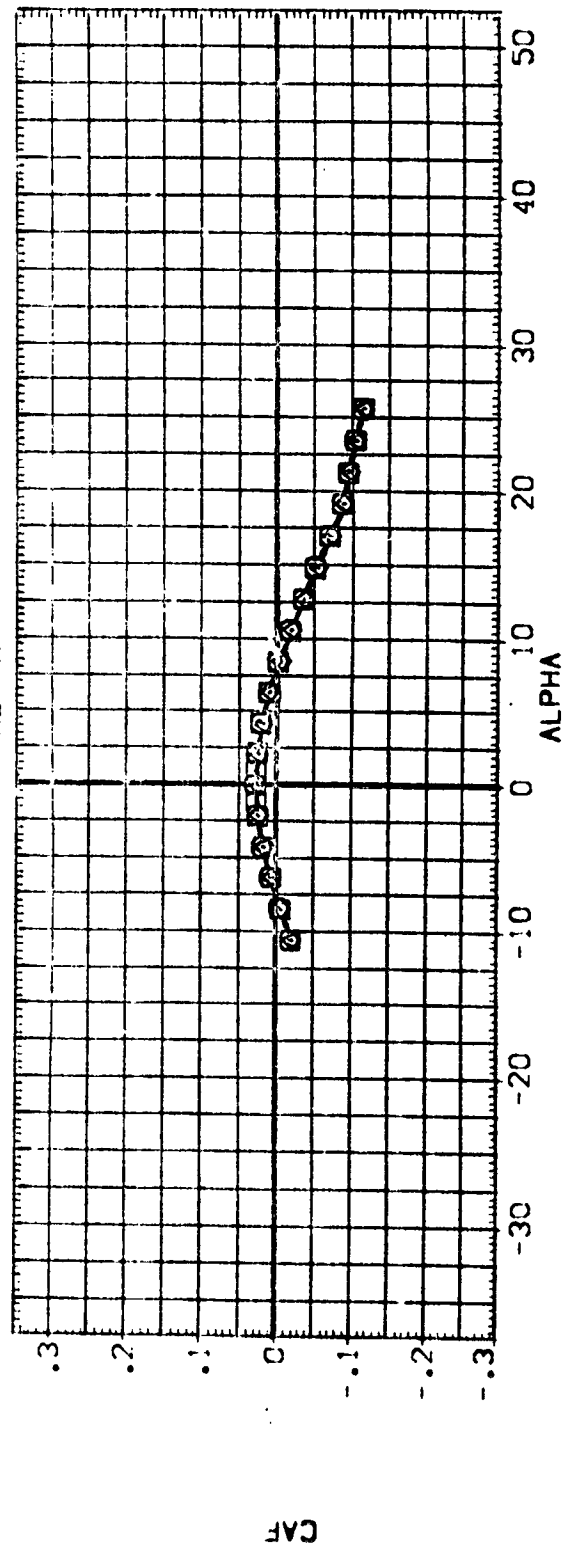
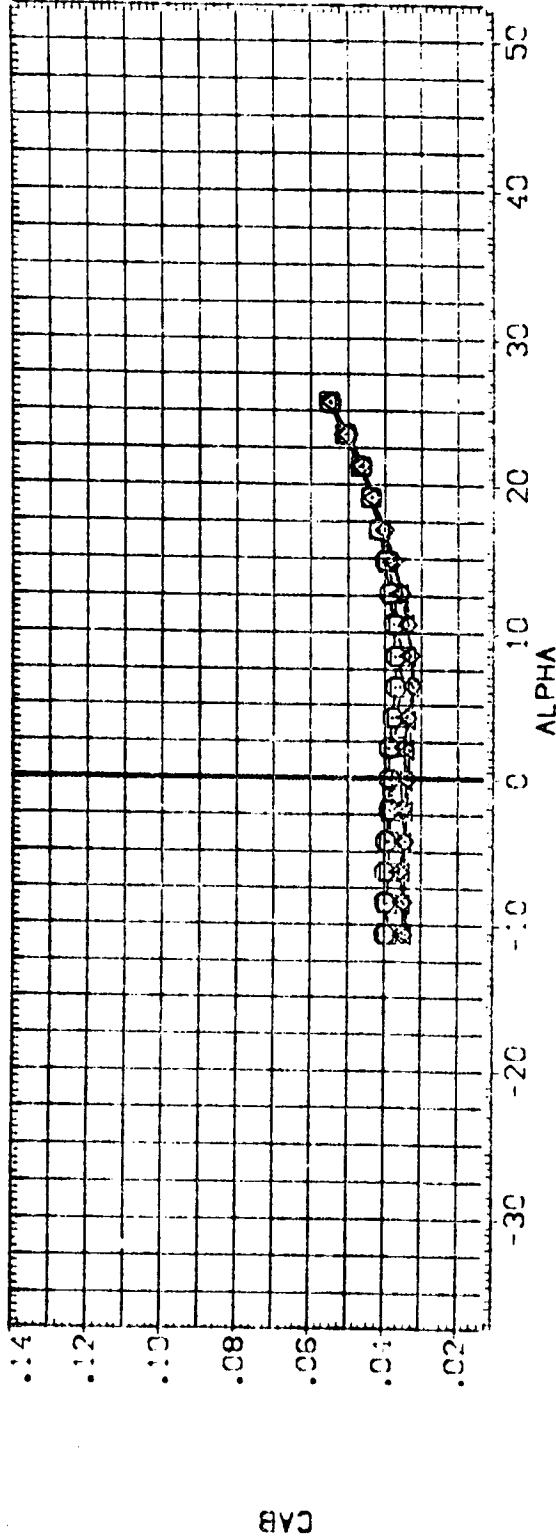


FIG 9 ELEVON GAP SEALING EFFECTS ON LONGITUDINAL CHARACTERISTICS, LONG OMS
 (A)MACH = .26 PAGE 29

DATA SET SYMBOL: Q
 CONFIGURATION DESCRIPTION: 0A1193 862C12F 1047 N28V127E55V8 R5 X9
 0A1193 862C12F 1047N28 V127E55V8 R5 X9
 0A1193 862C12F 1047N28 V127E55V8 R5 X9
 0A1193 862C12F 1047N28 V127E55V8 R5 X9

SPOBRK BOFLAP RUDDER
 25.000 -12.000 .000
 25.000 -12.000 .000
 25.000 .000 .000
 25.000 .000 .000

REFERENCE INFORMATION
 SREF 2690.0100 SQ.FT.
 LREF 474.8100 INCHES
 BREF 936.6800 INCHES
 VREF 1076.6800 INCHES
 WREF 375.0000 INCHES
 SCALE .0405

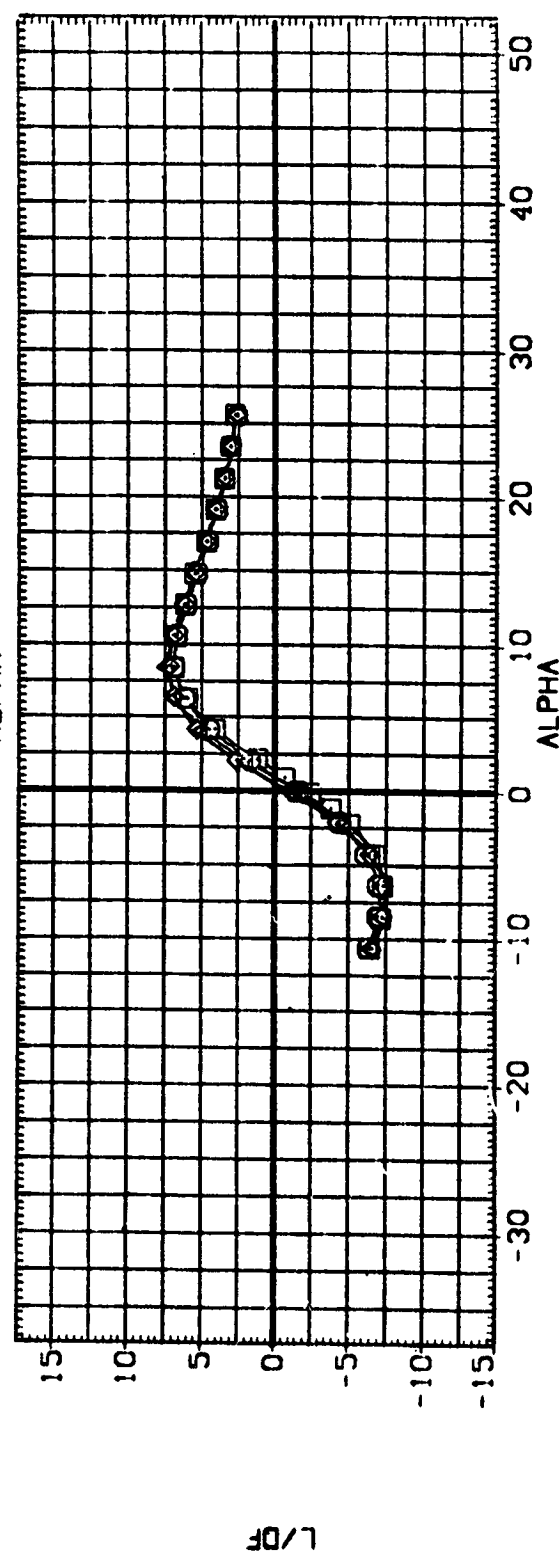
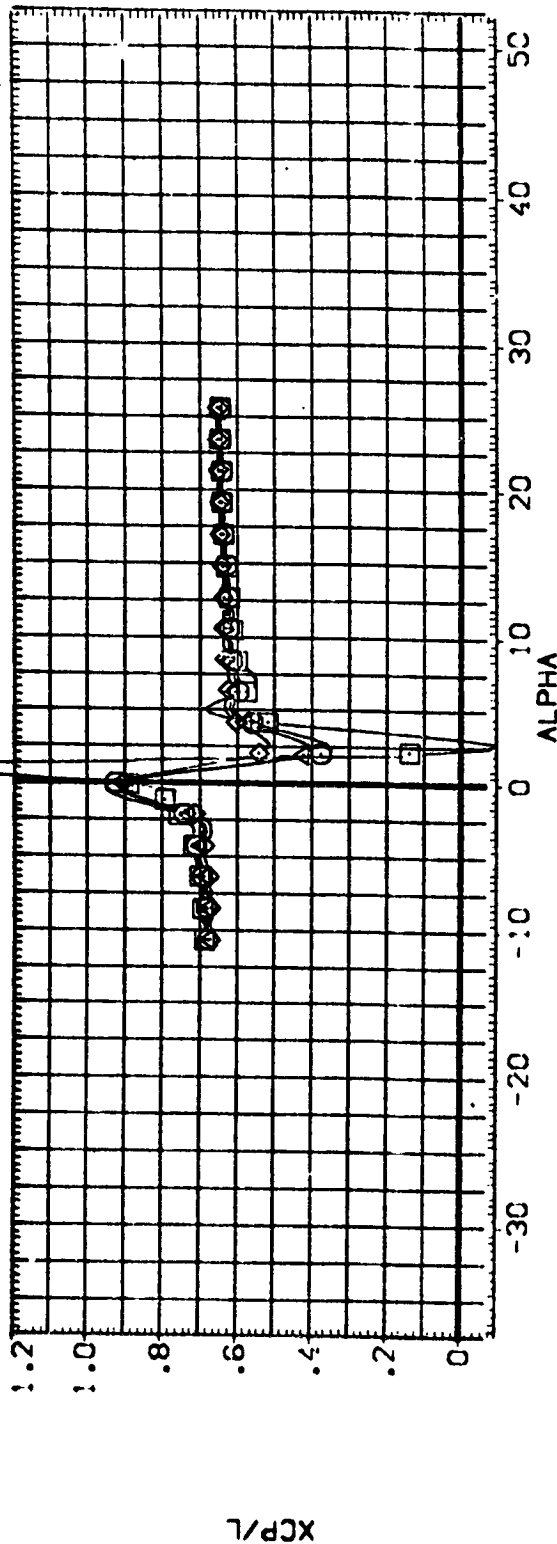


FIG 9 ELEVON GAP SEALING EFFECTS ON LONGITUDINAL CHARACTERISTICS, LONG QMS

(A)MACH = .26

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DATA SET SYMBOL CONFIGURATION DESCRIPTION

DA1198	862C12F	10M7	N26V	27E55V8	RS	X9
DA1199	862C12F	10M7	N26V	27E55V8	RS	X9
DA1199	862C12F	10M7	N26V	27E55V8	RS	X9
DA1199	862C12F	10M7	N26V	27E55V8	RS	X9

REFERENCE INFORMATION

SREF	2690.0100	INCHES
LREF	174.8100	INCHES
BREF	936.6800	INCHES
YMRP	1076.6800	INCHES
ZMRP	375.0000	INCHES
SCALE	.04DS	SCALE

SPOBRK BOFLAP RUDDER

25.000	-12.000	.000
25.000	-12.000	.000
25.000	.000	.000
25.000	.000	.000

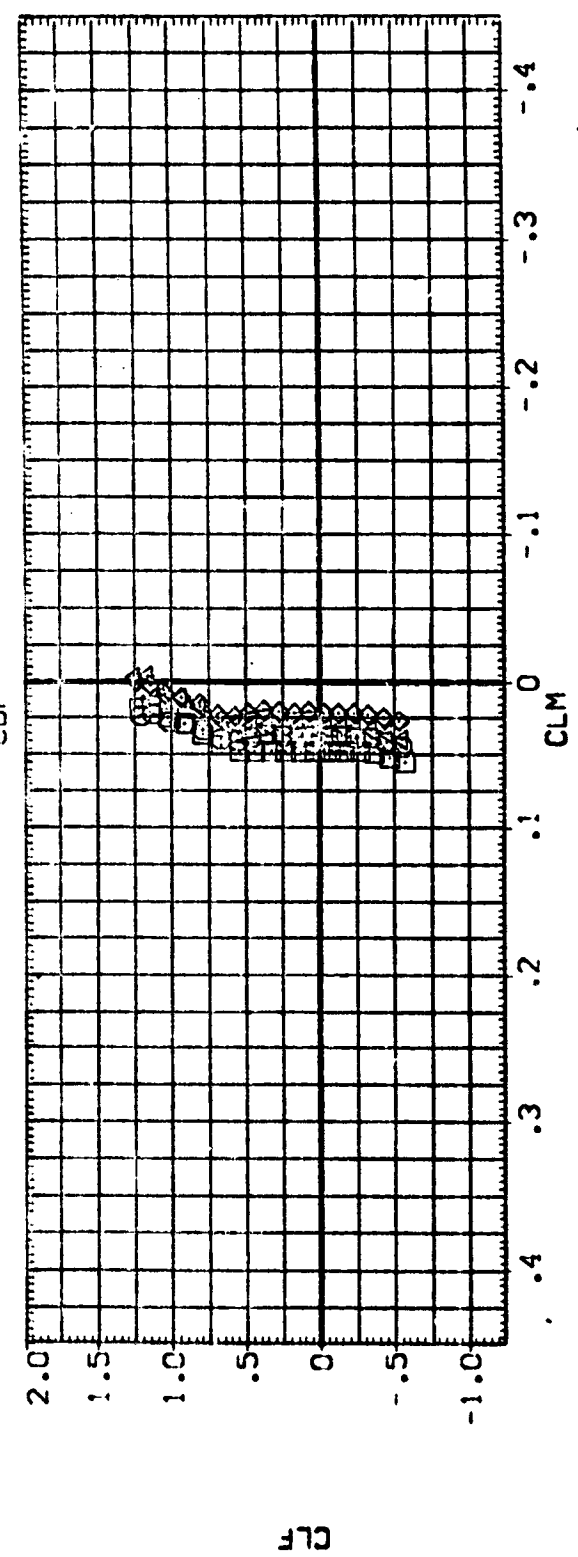
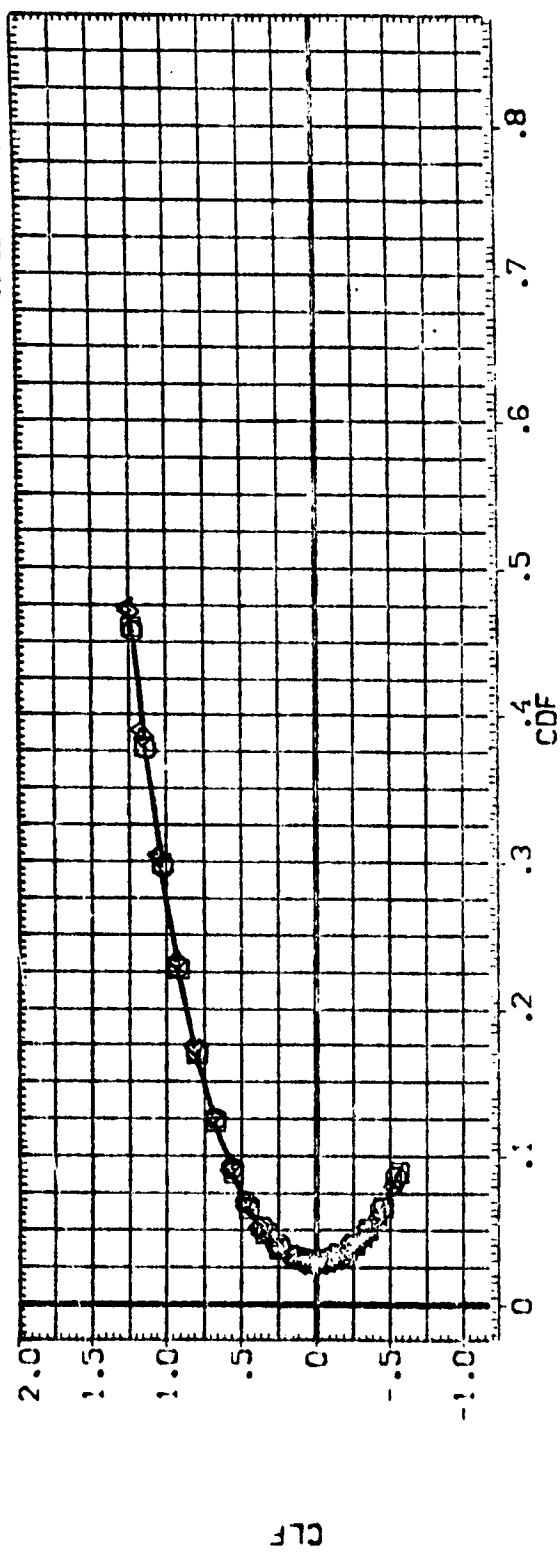


FIG 9 ELEVON GAP SEALING EFFECTS ON LONGITUDINAL CHARACTERISTICS, LONG OMS
 (A)MACH = .26 PAGE 31

DATA SET SYMBO. CONFIGURATION DESCRIPTION

DATA SET SYMBO.	CONFIGURATION DESCRIPTION
01158	852C 12C 0116N28N 127E55N8 RS X9
01159	852C 12C 0116N28N 127E55N8 RS X28
01160	852C 12C 0116N28N 127E55N8 RS X32
01161	852C 12C 0116N28N 127E55N8 RS X33

SPDRK BOFLAP RUDER

SPDRK	BOFLAP	RUDER
25.000	.000	.000
25.000	.000	.000
25.000	.000	.000
25.000	.000	.000

REFERENCE INFORMATION

REF	2690.0100	SO.FT
SREF	2690.0100	SO.FT
LREF	474.8100	SO.FT
BREF	936.6800	SO.FT
XMRP	1076.6800	SO.FT
YMRP	375.0000	SO.FT
ZMRP	375.0000	SO.FT
SCALE	.0400	SCALE

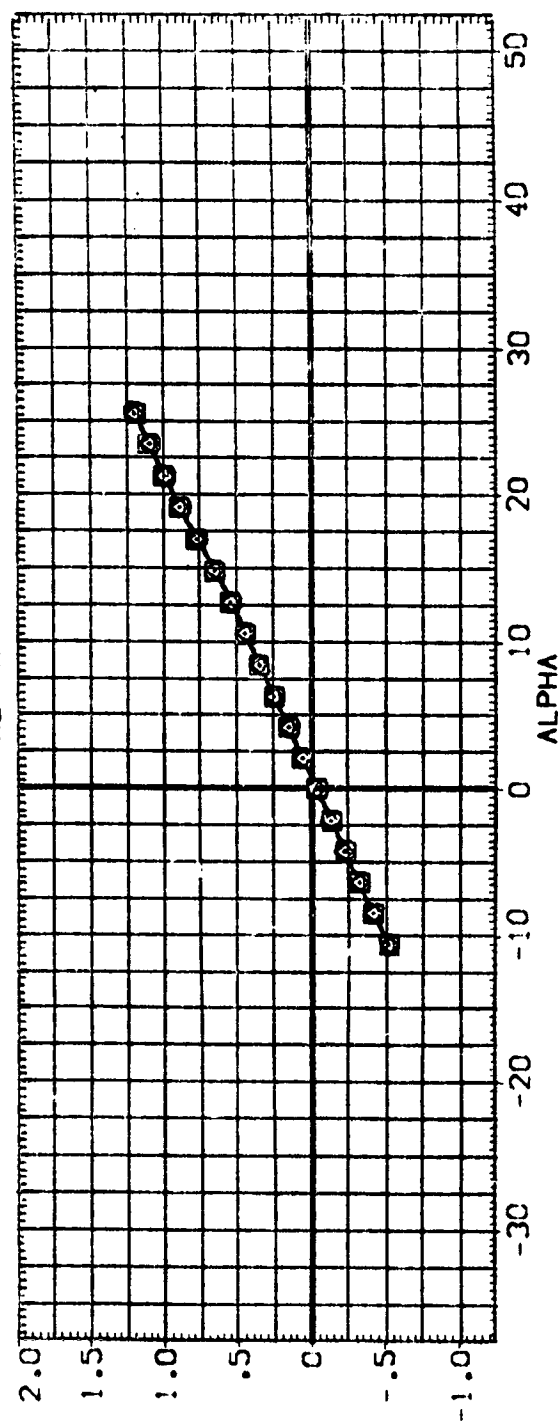
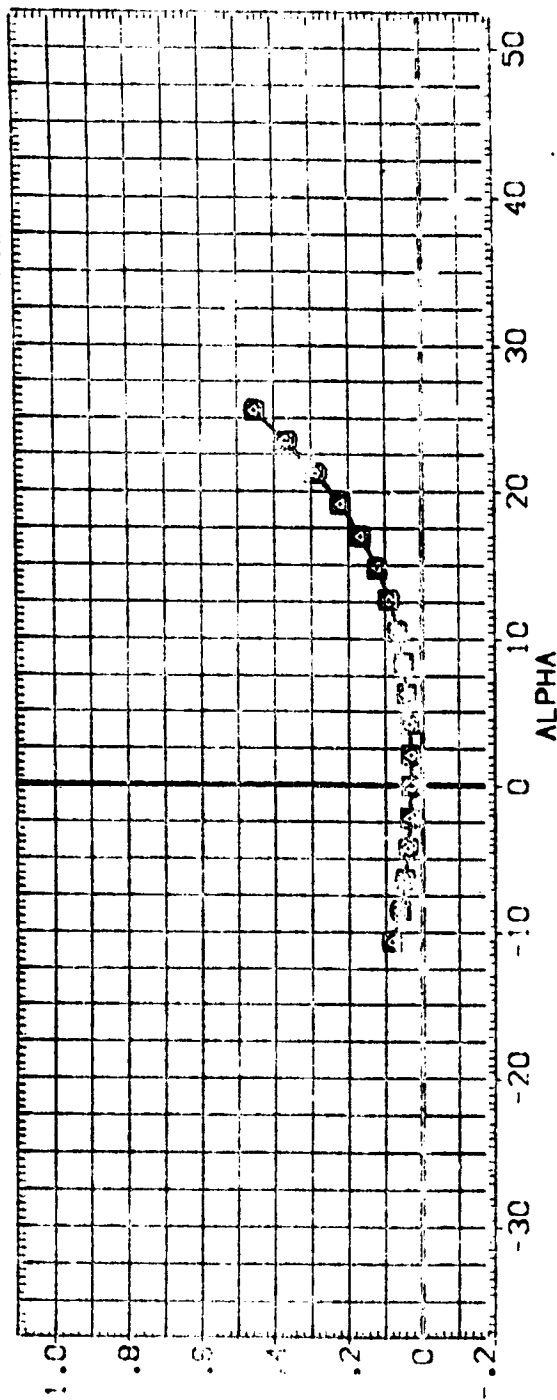


FIG 10 EFFECT OF OMS POD TRANSITION GRIT ON LONG. CHARACTERISTICS, SHORT OMS
[A]MACH = .26 PAGE 32



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPEEDBK	BOFLAP	R-ODDER	REFERENCE INFORMATION
(B'9001)	0A1199 862C12F10M16N284127E55V8 R5 X9	25.000	.000	.000	SREF 2690.0100 SQ.FT.
(B'9002)	0A1199 862C12F10M16N284127E55V8 R5 X29	25.000	.000	.000	LREF 474.8100 INCHES
(B'9003)	0A1199 862C12F10M16N284127E55V8 R5 X32	25.000	.000	.000	BREF 936.6800 INCHES
(B'9004)	0A1199 862C12F10M16N284127E55V8 R5 X33	25.000	.000	.000	XREF 1076.6800 INCHES
					YREF .0000 INCHES
					ZREF .0000 INCHES
					SCALE .0005

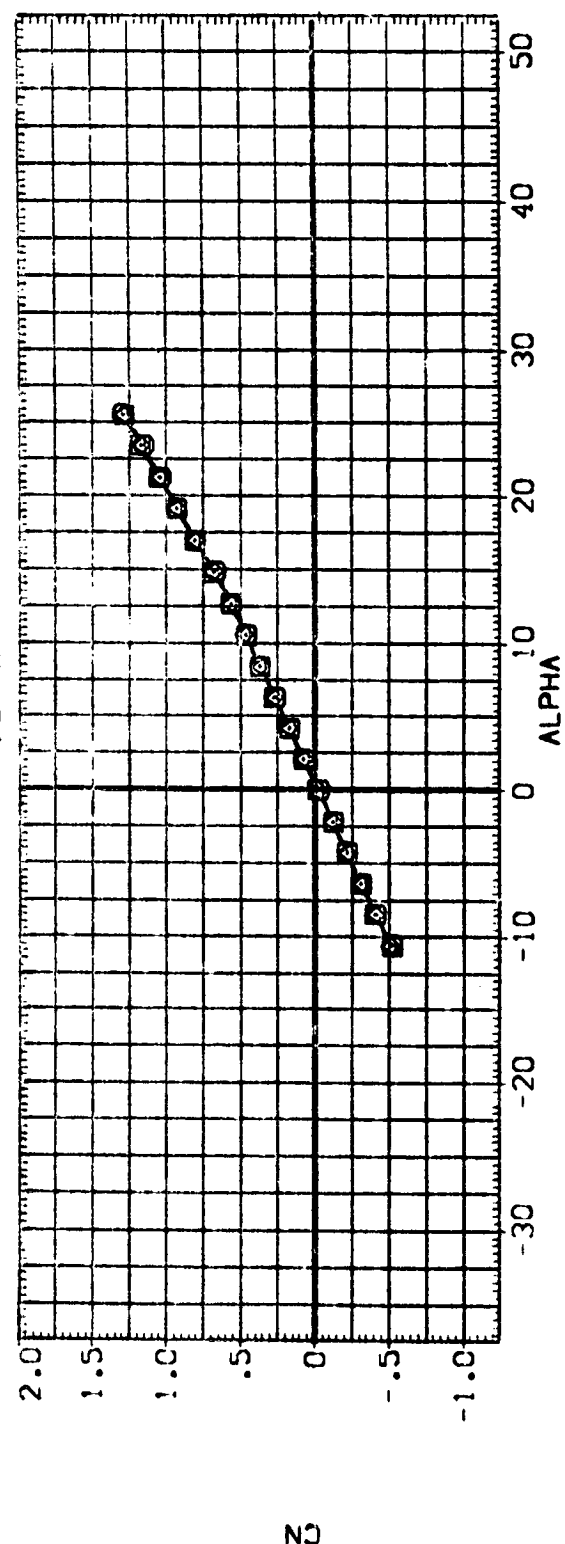
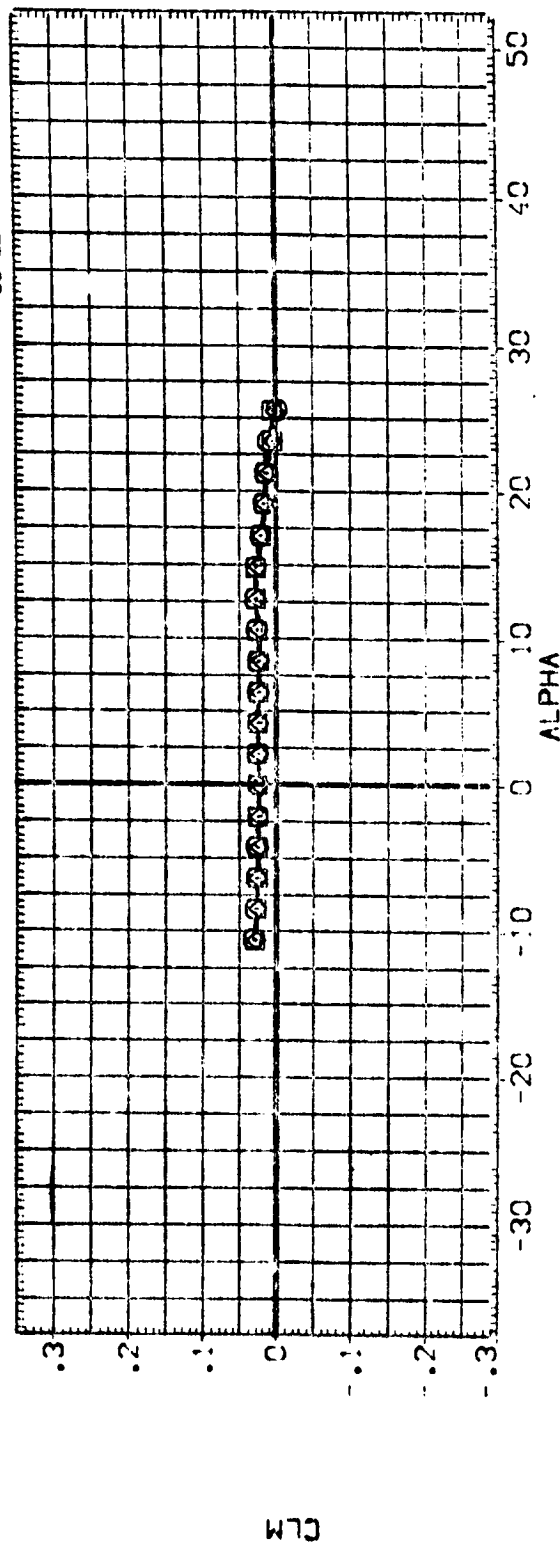


FIG 10 EFFECT OF 0MS POD TRANSITION GRIT ON LONG. CHARACTERISTICS. SHORT 0MS
 (A) VACH = .26 PAGE 33

DATA SET SYMBOL CONFIGURATION DESCRIPTION

[3-9001]	0A1199	862512	10M16N28M127E55V8	R5 X9
[3-9002]	0A1199	862512	10M16N28M127E55V8	R5 X9
[3-9003]	0A1199	862512	10M16N28M127E55V8	R5 X9
[3-9004]	0A1199	862512	10M16N28M127E55V8	R5 X9

SPOBRK BDF LAR R.0000

25.000	.000	.000
25.000	.000	.000
25.000	.000	.000
25.000	.000	.000

REFERENCE INFORMATION

SREF	2650.0100	SO.FT.
LREF	474.8100	INCHES
BREF	956.6800	INCHES
XMRP	1076.6800	INCHES
YMRP	.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

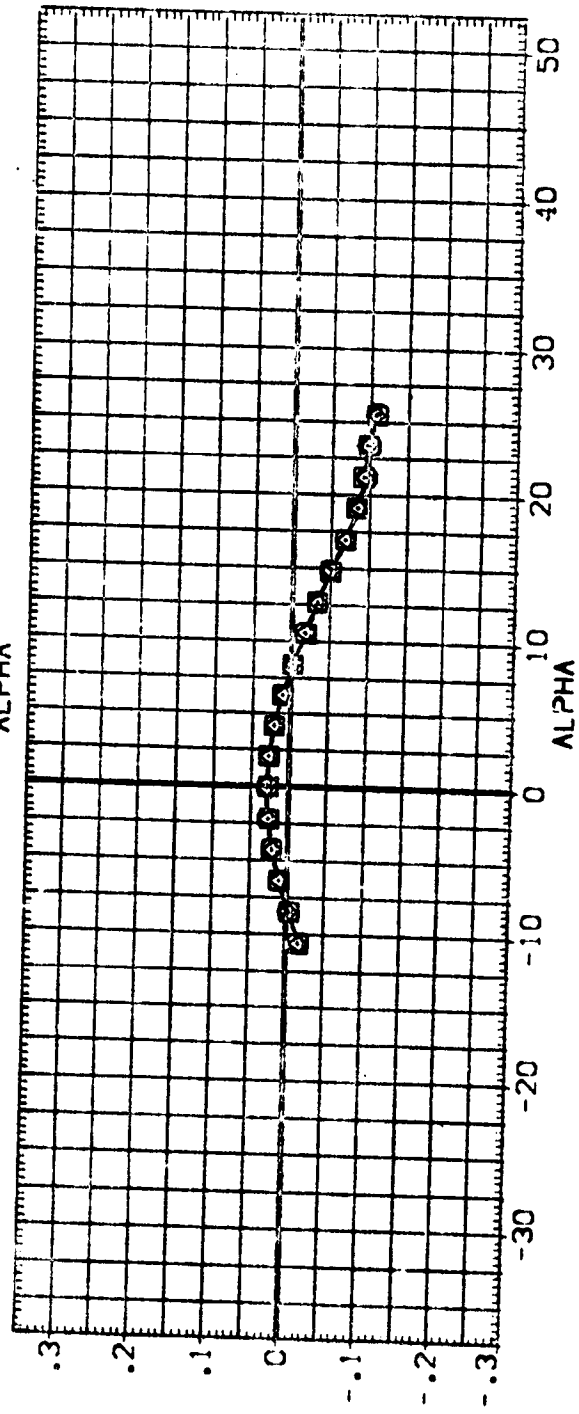
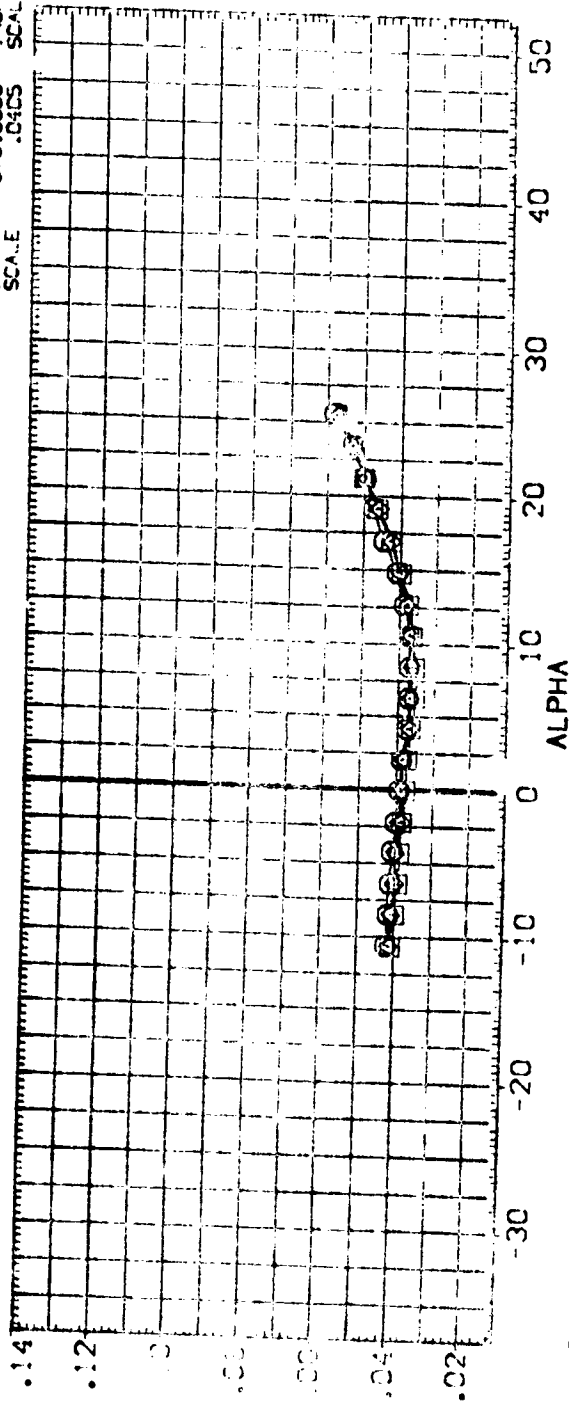


FIG 10 EFFECT OF 0MS POD TRANSITION GRIT ON LONG. CHARACTERISTICS, SHORT OMS
 (A)MACH = .26



DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
[B-9001]	DA1198 862C 12 OM16N28V127E55V8 RS X9
[B-9028]	DA1198 862C 12 OM16N28V127E55V8 RS X29
[B-9088]	DA1198 862C 12 OM16N28V127E55V8 RS X32
[B-9033]	DA1198 862C 12 OM16N28V127E55V8 RS X33

REFERENCE INFORMATION

REF	2690.0100	50.00	INCHES
LREF	474.8100	INCHES	
BREF	936.6800	INCHES	
XMRP	1076.6800	INCHES	
YMRP	1000	INCHES	
ZMRP	375.0000	INCHES	
SCALE	.0405	INCHES	

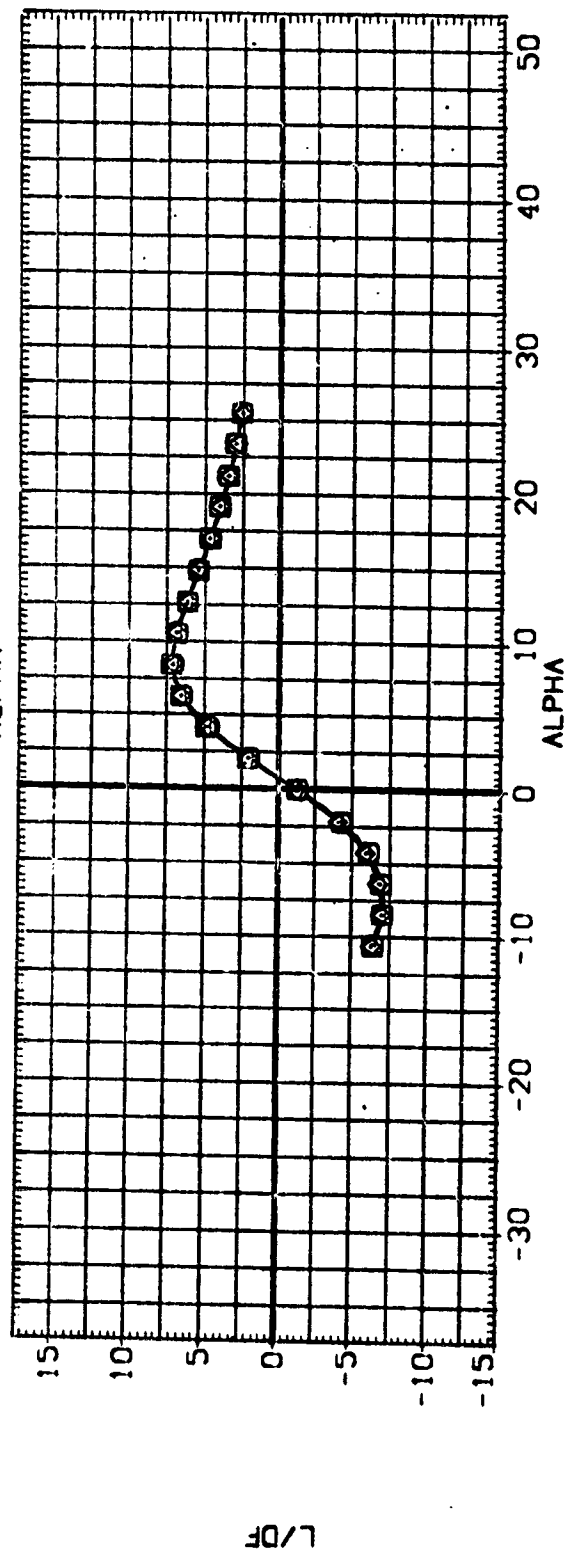
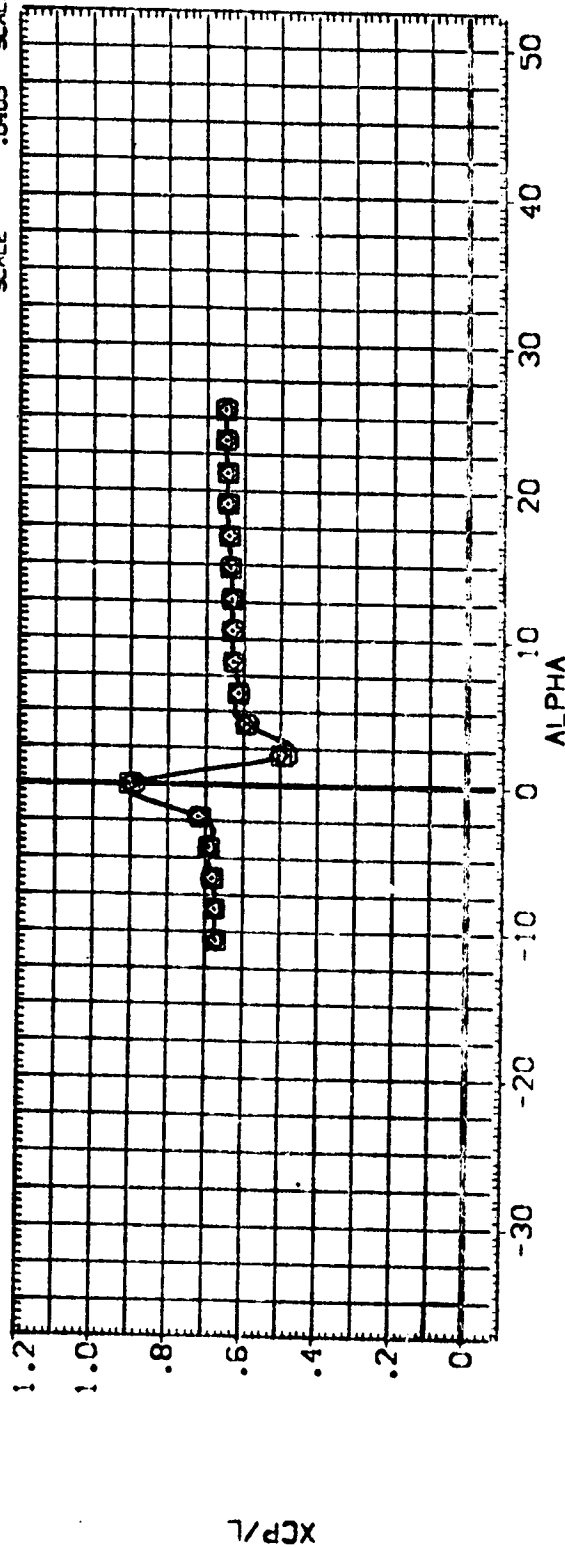


FIG 10 EFFECT OF OMS POD TRANSITION GRIT ON LONG. CHARACTERISTICS, SHORT OMS

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPDRK	BDFLAP	RUDDER	REFERENCE INFORMATION
BF9001	0A1199 B62C12F10M16A28V127E55V8 R5 X9	25.000	.000	.000	SREF 2690.0100 SQ.FT.
BF9078	0A1199 B62C12F10M16A28V127E55V8 R5 X9	25.000	.000	.000	LREF 474.8100 INCHES
BF9089	0A1199 B62C12F10M16A28V127E55V8 R5 X32	25.000	.000	.000	SREF 936.8800 INCHES
BF9090	0A1199 B62C12F10M16A28V127E55V8 R5 X33	25.000	.000	.000	YMRP 1076.0000 INCHES
					ZMRP 375.0000 INCHES
					SCALE .0405

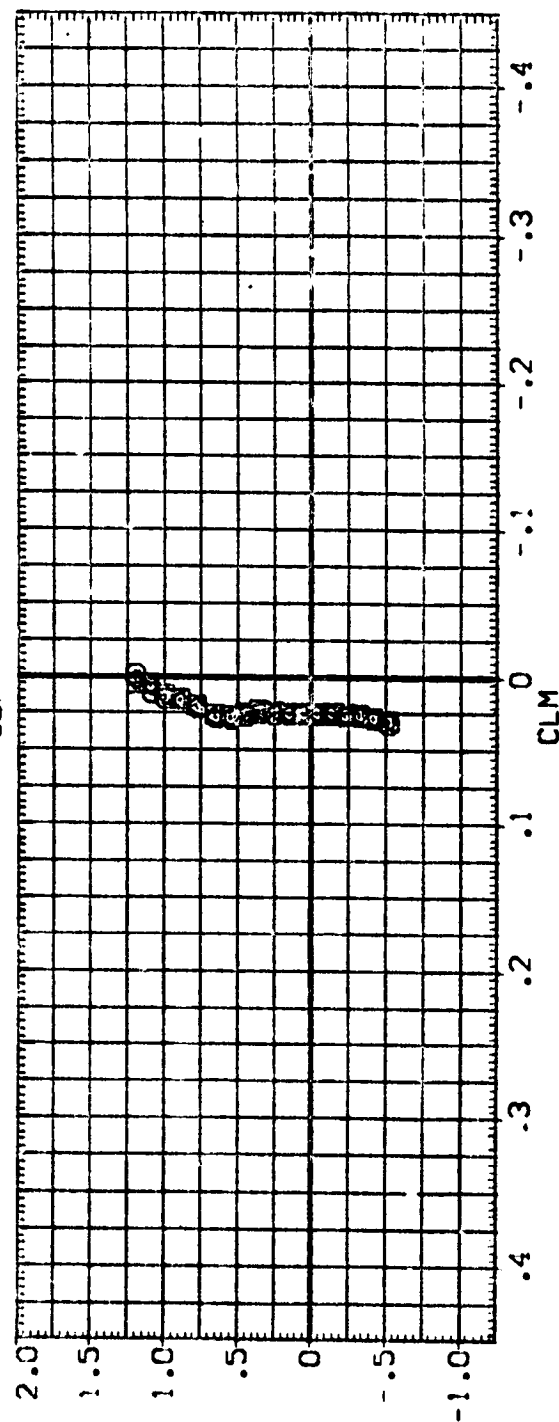
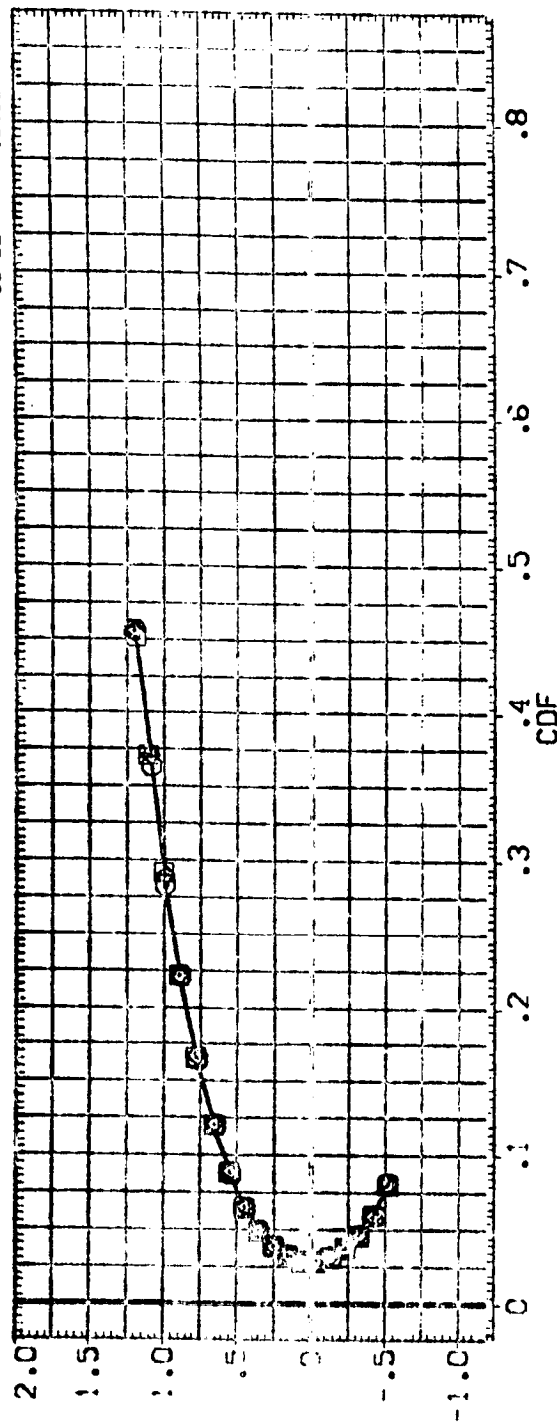


FIG 10 EFFECT OF OMS POD TRANSITION GRIT ON LONG. CHARACTERISTICS, SHORT OMS
 (AJMACH = .26) PAGE 36



DATA SET SYMBOL CONFIGURATION DESCRIPTION

[BF 9020] [Q] 0A1199 862C12F10M7A28 V127E55V8 R5 X9

[BF 9026] [Q] 0A1199 862C12F10M7 N28V127E55V8 R5 X29

SPOBRK BOFLAP RJDER

25.000 .000 .000

25.000 .000 .000

REFERENCE INFORMATION

SREF 2690.0100 50. FT.

LREF 474.8100 INCHES

BREF 936.8600 INCHES

XMRP 1076.0800 INCHES

YMRP .0000 INCHES

ZMRP 375.0000 INCHES

SCALE .3405 SCALE

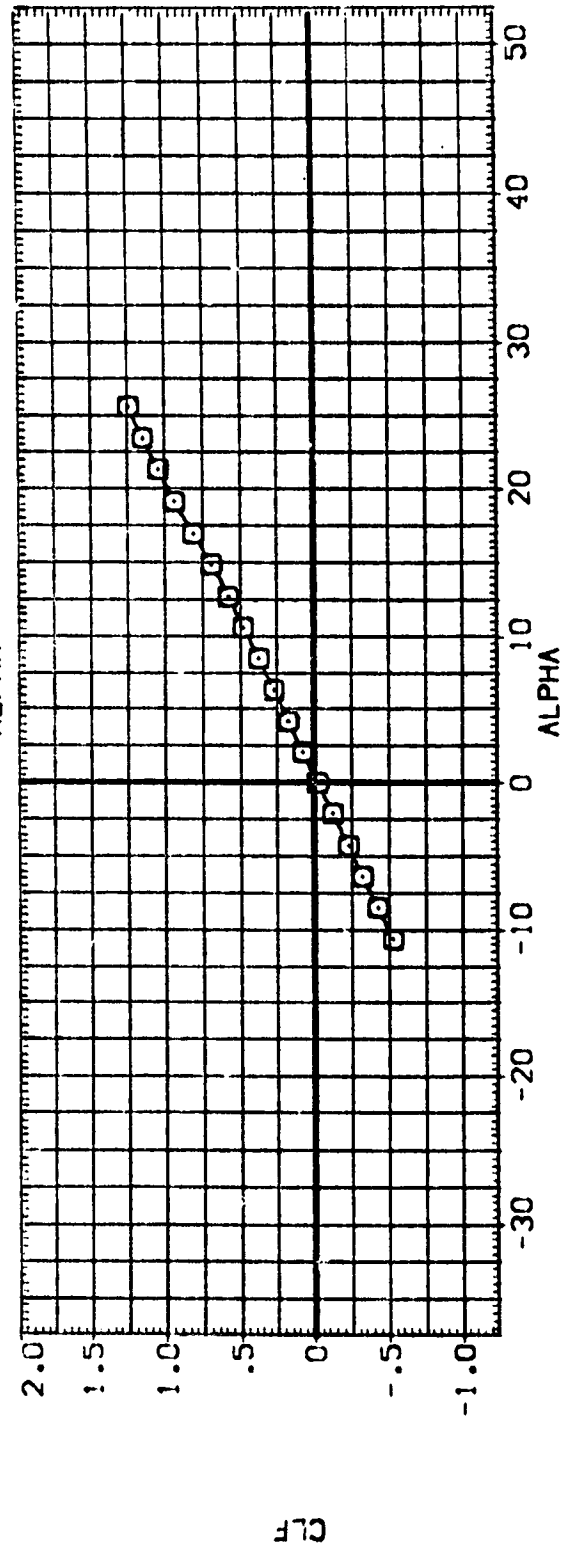
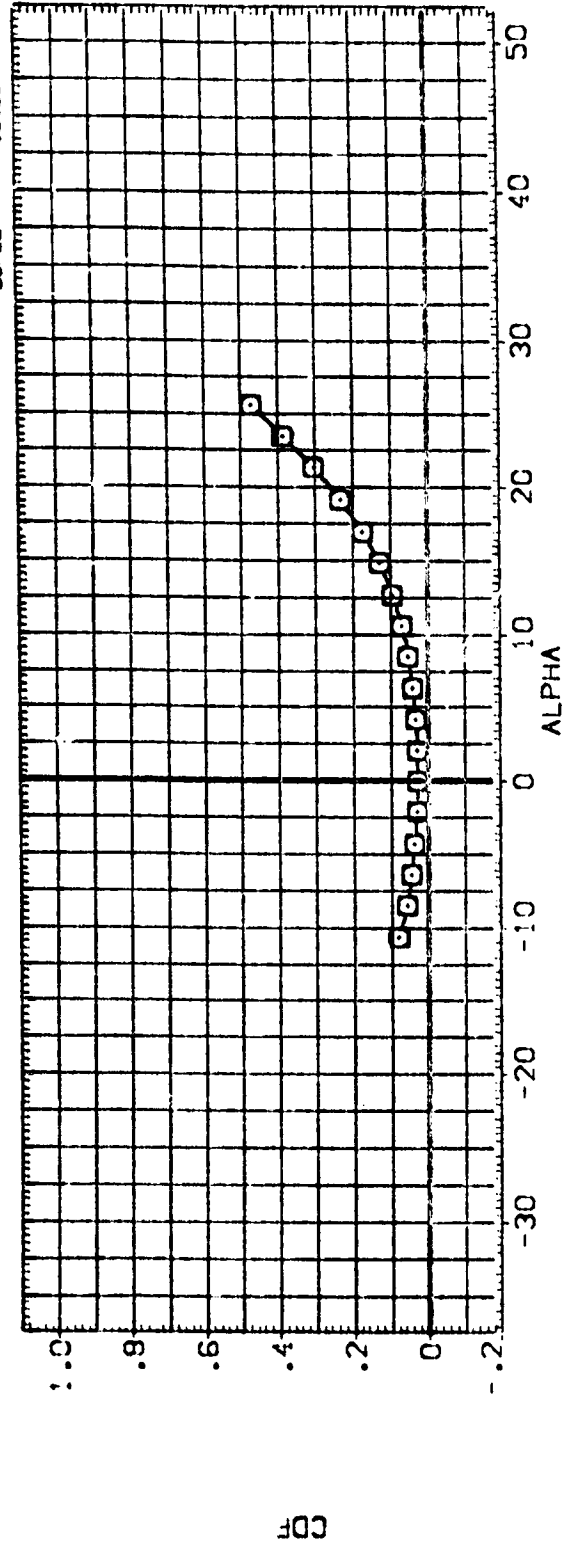


FIG 11 EFFECT OF OMS POD TRANSITION GRIT ON LONG. CHARACTERISTICS. LONG OMS

(A)MACH = .26 PAGE 37

DATA SET SYMBOL: []
 [5 9020]
 [5 9026]

CONFIGURATION DESCRIPTION:
 0A1198 862C12F 1047N28 V127E55V8 R5 X9
 0A1198 862C12F 1047 N28V127E55V8 R5 X29

SPODBK BDF LAP RUDDER
 25.000 .000 .000
 25.000 .000 .000

REFERENCE INFORMATION
 SREF 2690.0100 59. FT.
 REF 474.8100 10. FT.
 BREF 936.8800 10. FT.
 XMRP 1076.8800 10. FT.
 YMRP .0000 10. FT.
 ZMRP 375.0000 10. FT.
 SCALE .0105

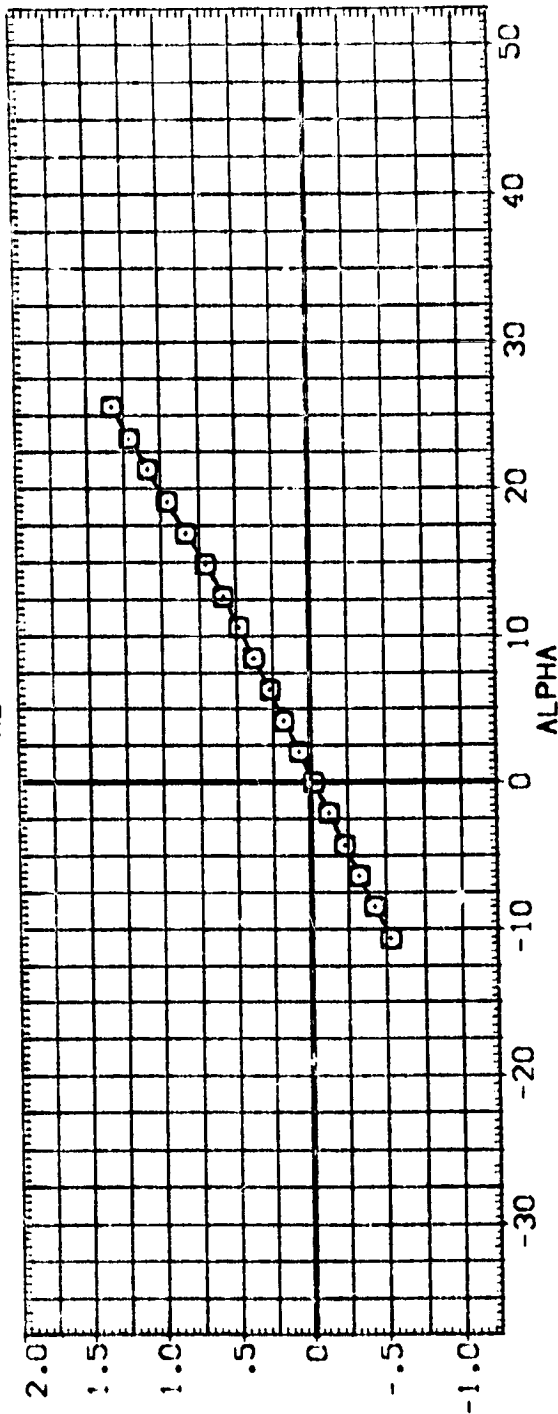
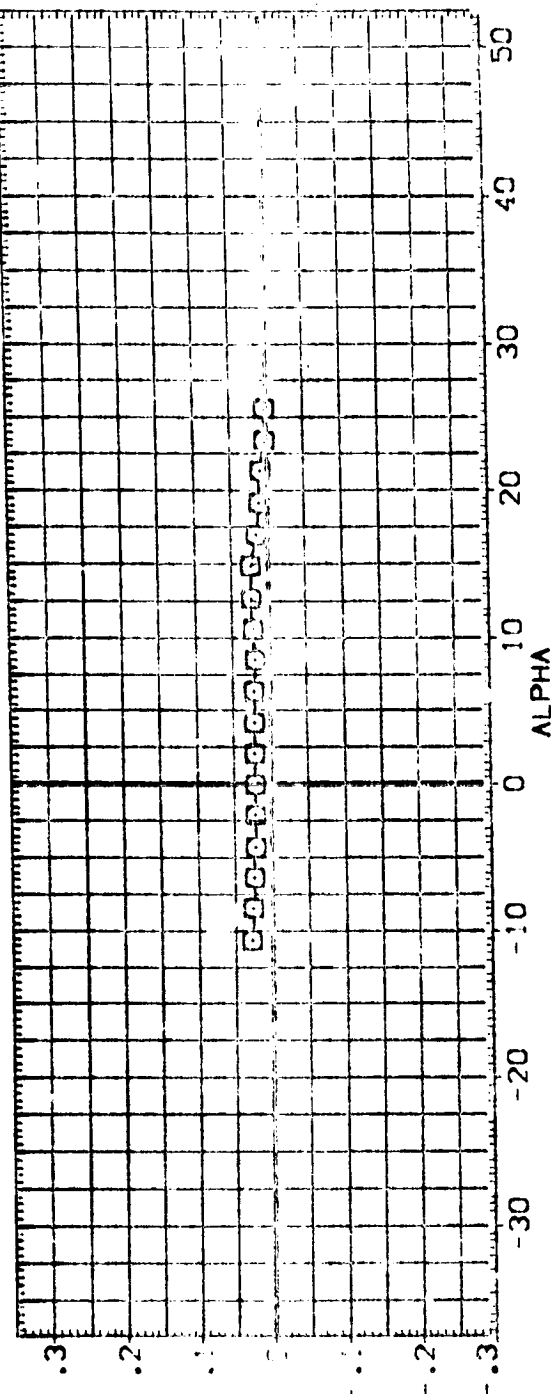


FIG 11 EFFECT OF 0MS POD TRANSITION GRIT ON LONG. CHARACTERISTICS. LONG 0MS
 (A)MACH = .26 PAGE 38



DATA SET SYMBO.	CONFIGURATION DESCRIPTION	SPDRX	BOFLAP	RJDOER	REFERENCE INFORMATION
(BF 9020)	DA1198 B62C12F 107A28 V127E55V8 RS X9	25.000	.000	.000	SREF 2690.0100 SQ.FT.
(BF 9026)	DA1198 B62C12F 107A28 V127E55V8 RS X29	25.000	.000	.000	LREF 474.8100 INCHES
					BREF 936.8800 INCHES
					XGRP 1076.8800 INCHES
					YGRP .0000 INCHES
					ZGRP 375.0000 INCHES
					SCALE .0125 SCALE

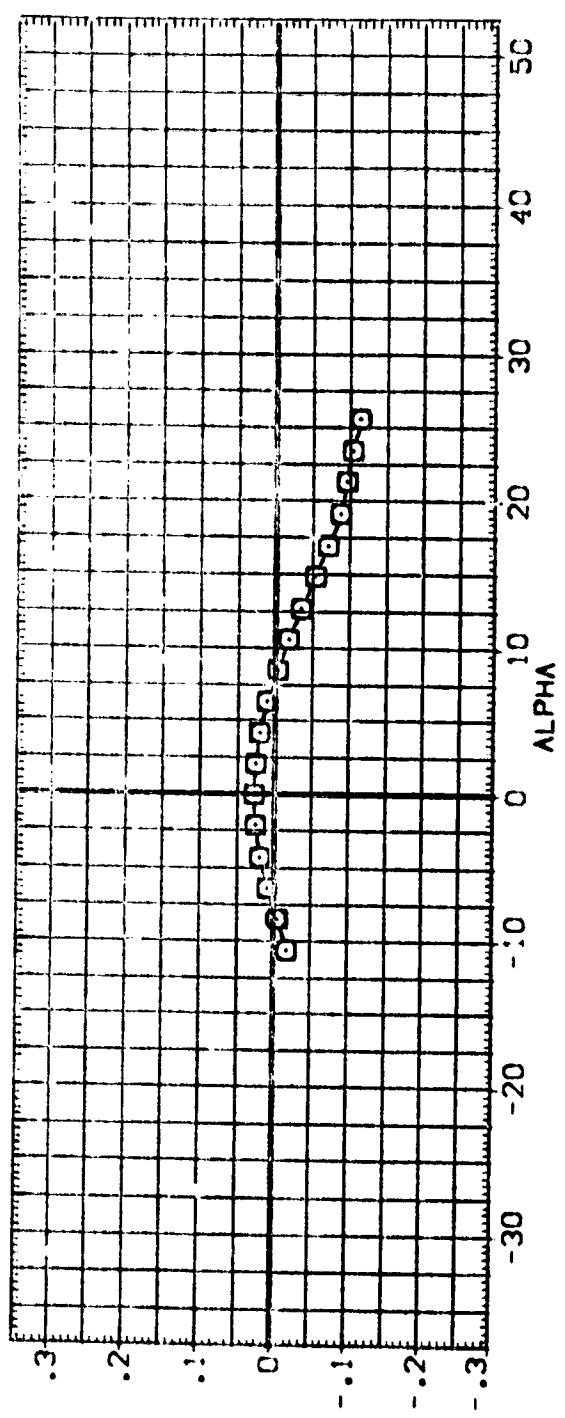
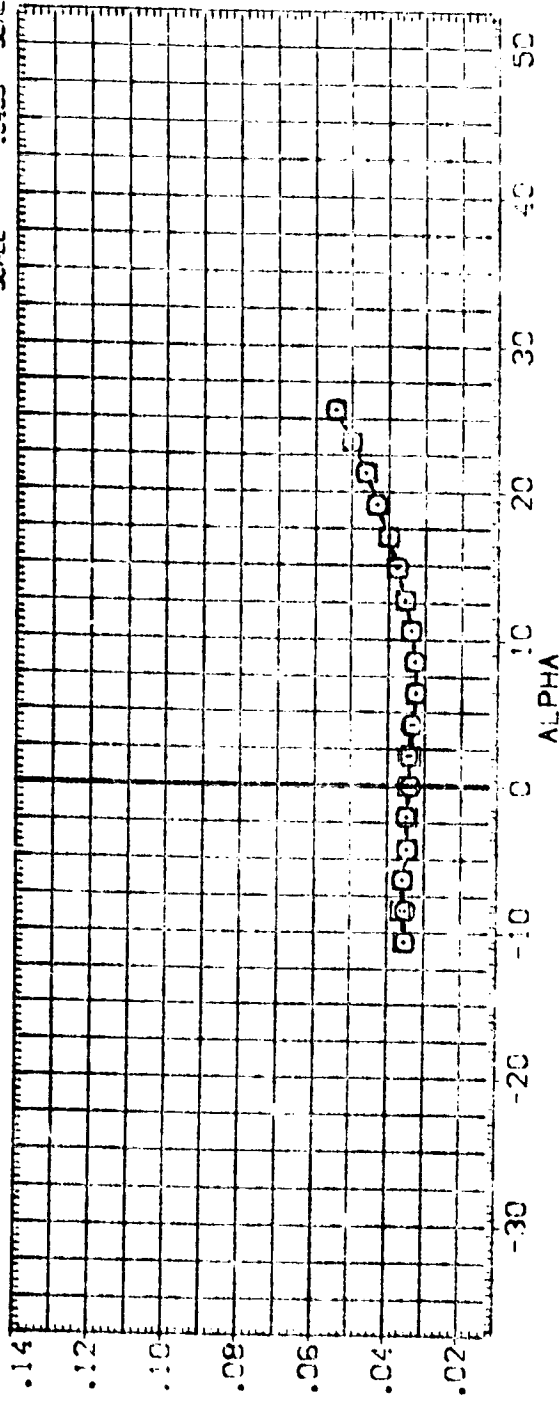


FIG 11 EFFECT OF OMS POD TRANSITION GRIT ON LONG. CHARACTERISTICS, LONG OMS
 (A) VACH = .26 PAGE 39

DATA SET SYMBOL: []
 [BF9070]
 [BF9026]

CONFIGURATION DESCRIPTION:
 0A1159 862C12F10M7N28 V127E55V8 RS X9
 0A1159 862C12F10M7 N28V127E55V8 RS X29

SPDRK: 25.000
 25.000

BOFLAP: .000
 .000

RLODER: .000
 .000

REFERENCE INFORMATION:
 SREF: 2850.0100 50.000
 REF: 474.8100 100.000
 SREF: 936.8800 100.000
 XREF: 1076.8800 100.000
 XREF: 375.0000 100.000
 SCALE: .0005

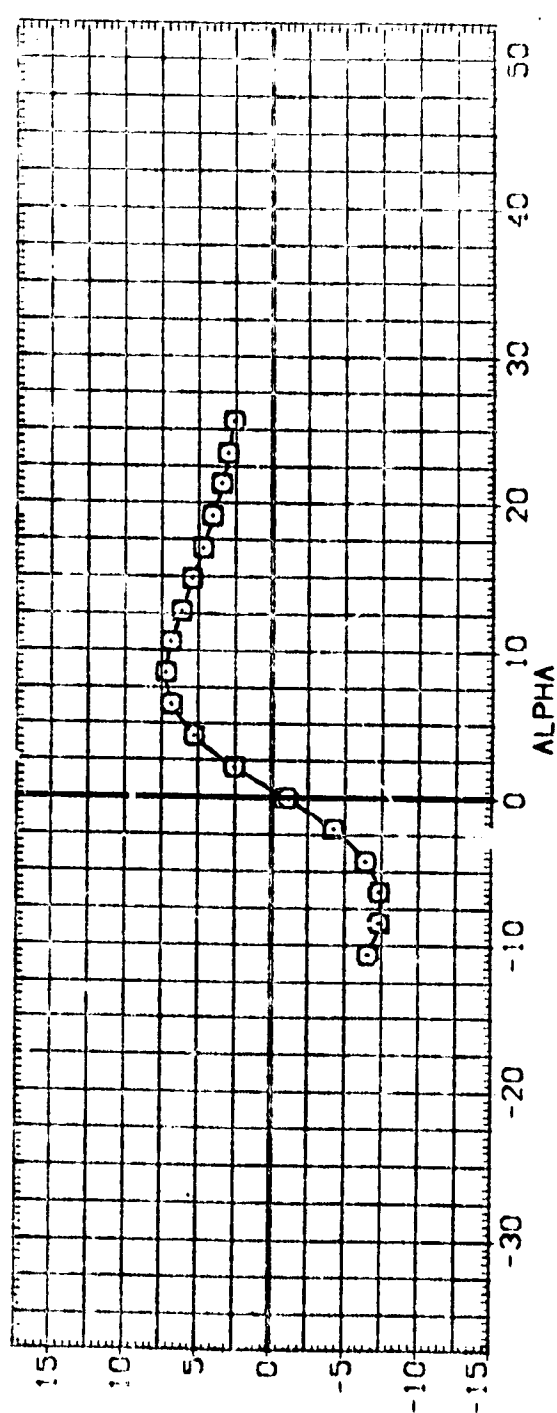
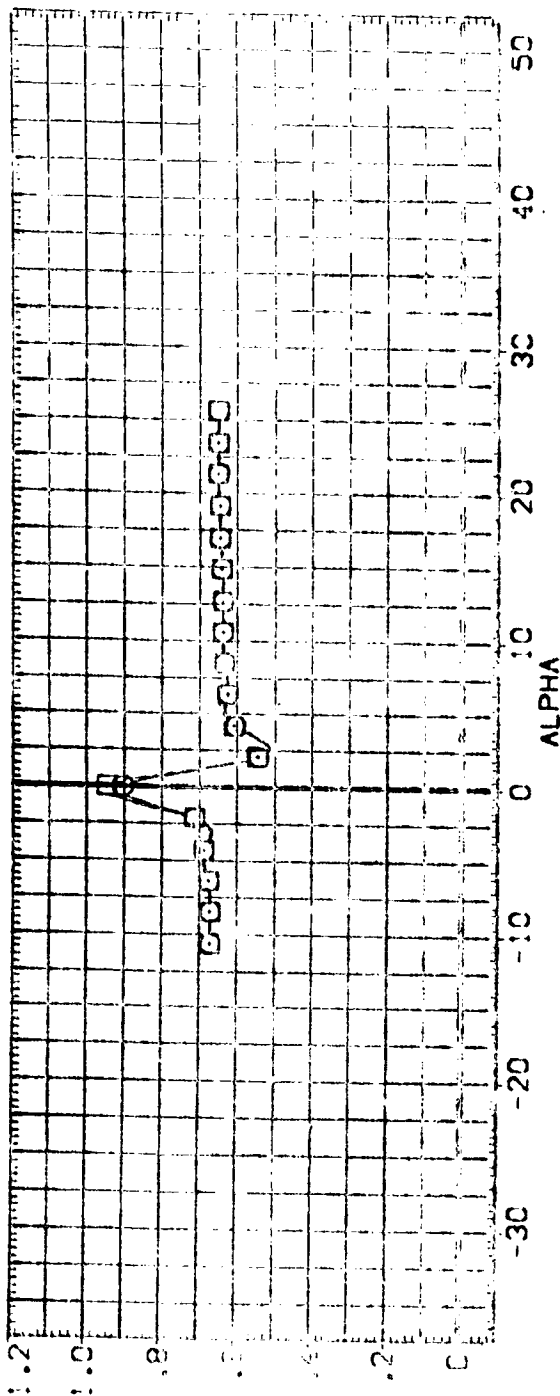


FIG 11 EFFECT OF 0MS POD TRANSITION GRIT ON LONG. CHARACTERISTICS, LONG 0MS
 (A)MACH = .26 PAGE 40



DATA SET SYMBOL: Q
 (B-9020)
 (B-9026)

CONFIGURATION DESCRIPTION
 0A1198 862C12F107N28 V127E55V8 R5 X9
 0A1198 862C12F107 N28V127E55V8 R5 X29

REFERENCE INFORMATION
 SREF 2650.0100 SQ.FT.
 LREF 474.8100 INCHES
 BREF 936.6800 INCHES
 ATRP 1076.6800 INCHES
 YMRP 375.0000 INCHES
 ZMRP 375.0000 INCHES
 SCALE .0405

SPOBRK 25.000
 25.000

BOFLAP .000
 .000

RUDER .000
 .000

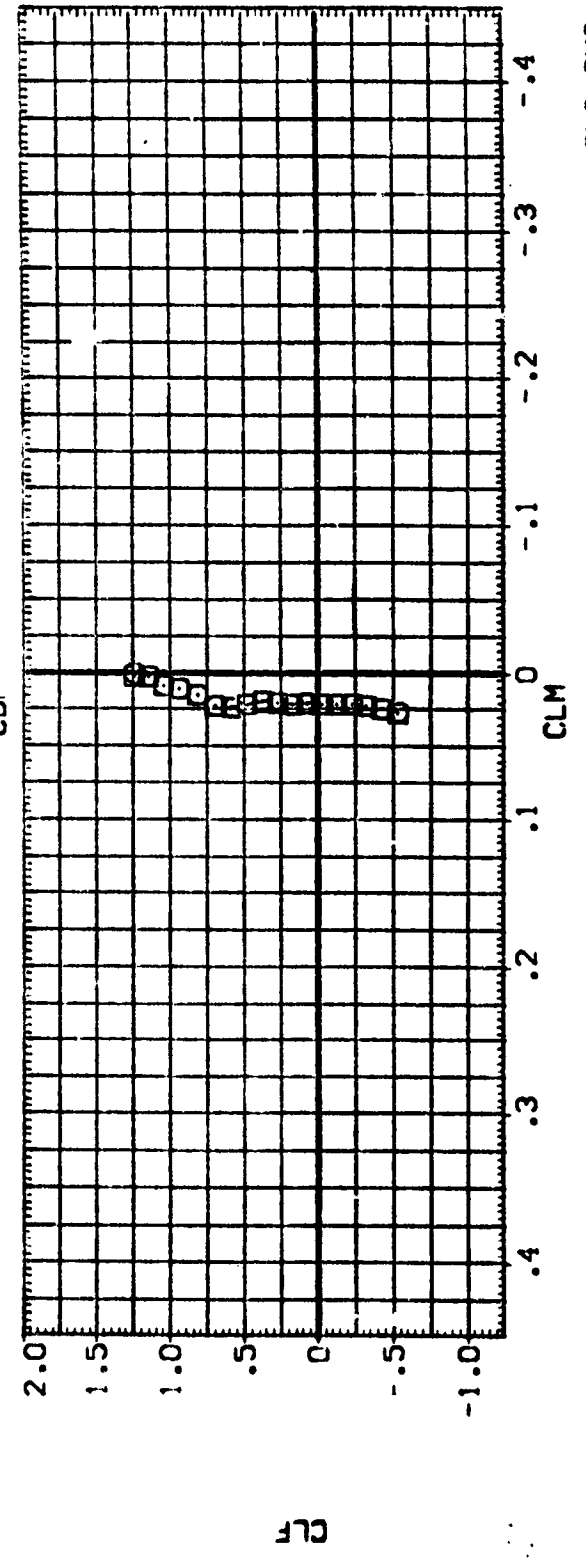
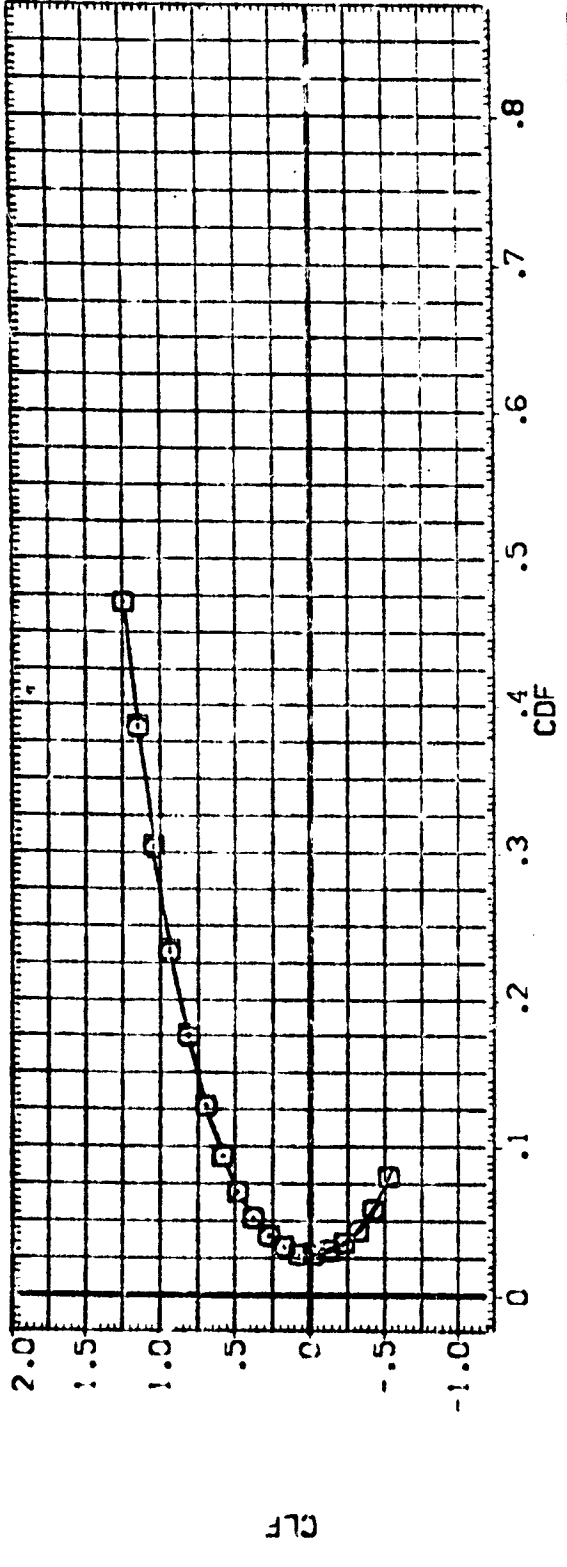


FIG 11 EFFECT OF QMS POD TRANSITION GRIT ON LONG. CHARACTERISTICS, LONG QMS
 [A]MACH = .26

DATA SET SYMBOL	CONFIDENCE	DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
[BF 9078]	0.1198	8620 2F 10 16 28 1 27E55V8 RS X9	-20.000	-20.000	-20.000	-20.000	SREF 2690.0100 50.000
[BF 9051]	0.1198	8620 2F 10 16 28 1 27E55V8 RS X9	-10.000	-10.000	-10.000	-10.000	UREF 474.8100 50.000
[BF 9051]	0.1198	8620 2F 10 16 28 1 27E55V8 RS X9	5.000	5.000	5.000	5.000	BREF 936.6800 50.000
[BF 9104]	0.1198	8620 2F 10 16 28 1 27E55V8 RS X9	10.000	10.000	10.000	10.000	YREF 1076.6200 50.000
[BF 9052]	0.1198	8620 2F 10 16 28 1 27E55V8 RS X9	15.000	15.000	15.000	15.000	ZREF 375.0000 50.000
[BF 9106]	0.1198	8620 2F 10 16 28 1 27E55V8 RS X9	15.000	15.000	15.000	15.000	SCALE .0405 50.000

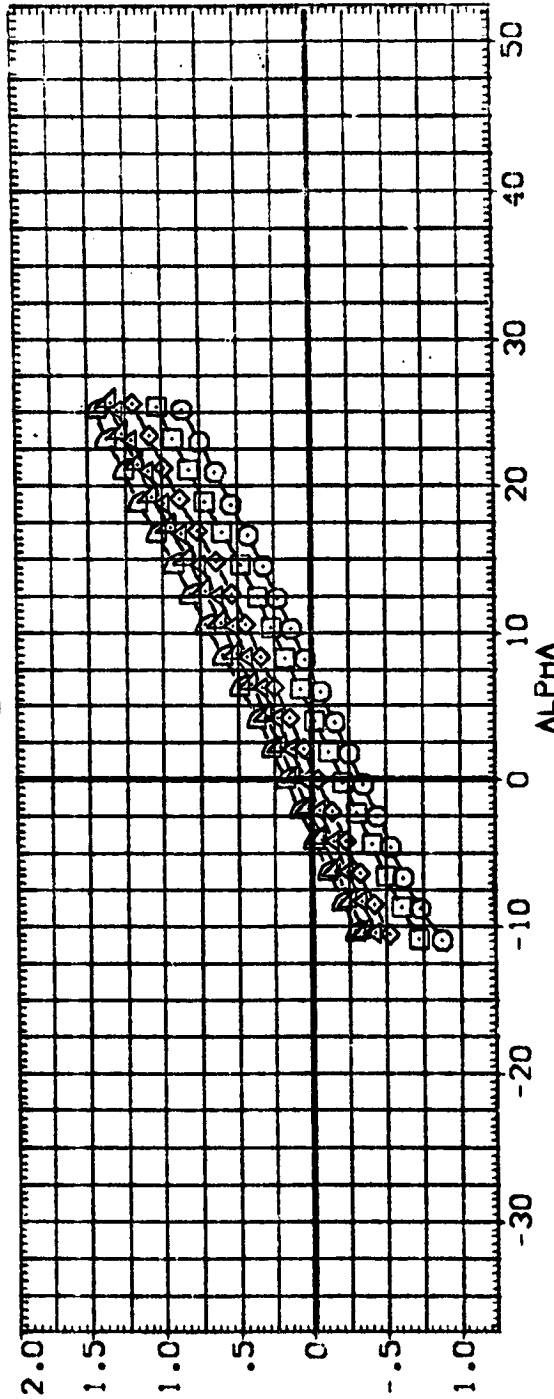
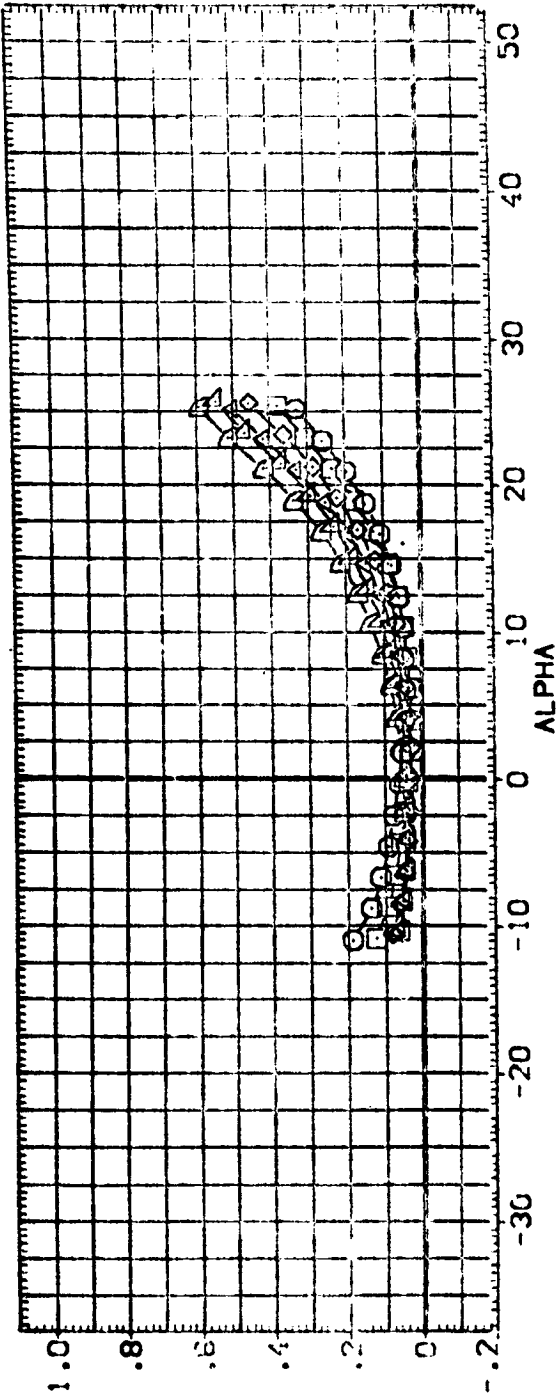


FIG 12 E55 ELEVON EFFECTIVENESS, SHORT OMS (M=0.26)

(AJMACH = .26



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION	SO.FT.
(B-5078)	DA1193 B62C12F 10M16N28M127E55V8 R5 X9	-20.000	-20.000	-20.000	-20.000	SREF 2690.0100	INCHES
(B-5051)	DA1193 B62C12F 10M16N28M127E55V8 R5 X9	-10.000	-10.000	-10.000	-10.000	LREF 474.8100	INCHES
(B-5051)	DA1193 B62C12F 10M16N28M127E55V8 R5 X9	5.000	5.000	5.000	5.000	BREF 936.8800	INCHES
(B-5104)	DA1193 B62C12F 10M16N28M127E55V8 R5 X9	10.000	10.000	10.000	10.000	XMRP 1075.0000	INCHES
(B-5052)	DA1193 B62C12F 10M16N28M127E55V8 R5 X9	15.000	15.000	15.000	15.000	YMRP 375.0000	INCHES
(B-5106)	DA1193 B62C12F 10M16N28M127E55V8 R5 X9					ZMRP 375.0000	INCHES
						SCALE	SCALE

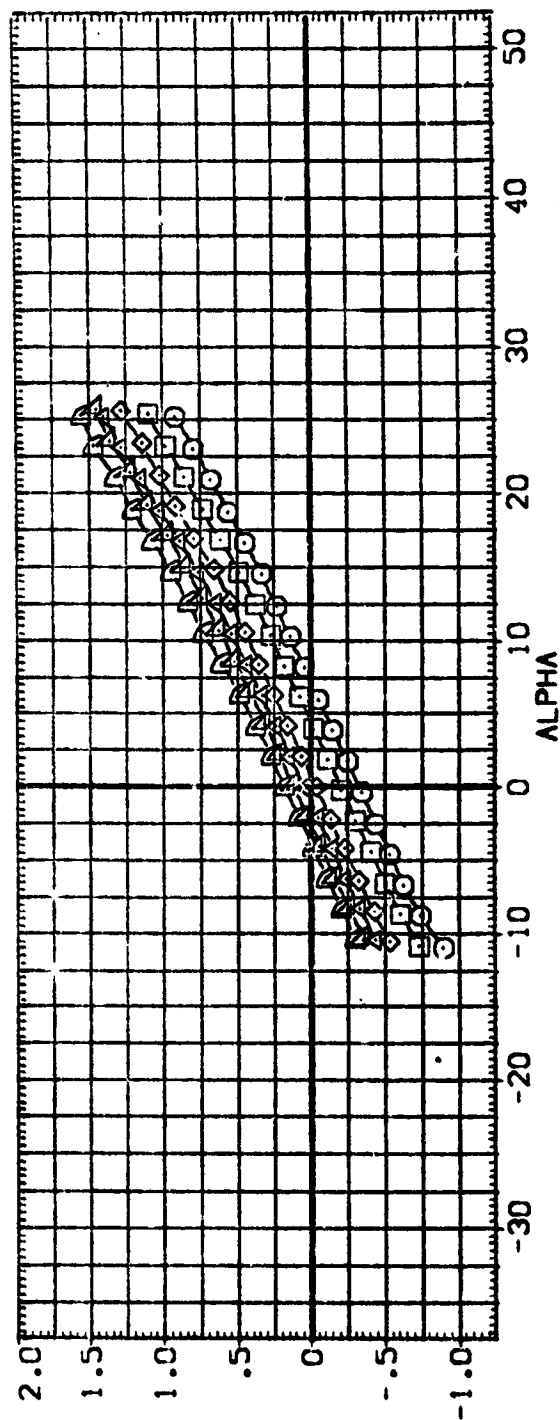
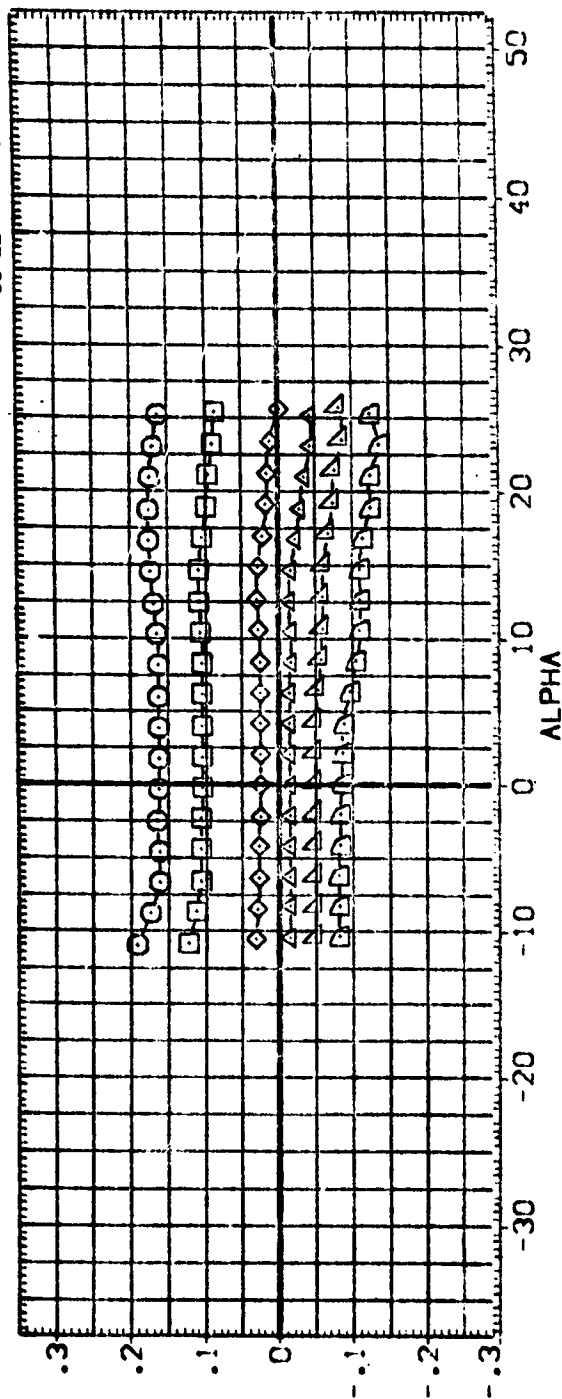


FIG 12 E55 ELEVON EFFECTIVENESS, SHORT QMS (M=0.26)

(A)MACH = .26

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO	REFERENCE INFORMATION	SO. FT.
[B 9078]		DA1198 B62C1Z 10M16N28M1Z7E55V8 R5 X9	-20.000	-20.000	-20.000	-20.000	SREF 2650.0100	INCHES
[B 9079]		DA1198 B62C1Z 10M16N28M1Z7E55V8 R5 X9	-10.000	-10.000	-10.000	-10.000	LREF 474.8100	INCHES
[B 9080]		DA1198 B62C1Z 10M16N28M1Z7E55V8 R5 X9	5.000	5.000	5.000	5.000	BREF 926.8800	INCHES
[B 9104]		DA1198 B62C1Z 10M16N28M1Z7E55V8 R5 X9	10.000	10.000	10.000	10.000	AMRP 1076.8800	INCHES
[B 9092]		DA1198 B62C1Z 10M16N28M1Z7E55V8 R5 X9	15.000	15.000	15.000	15.000	VMRP .0000	INCHES
[B 9106]		DA1198 B62C1Z 10M16N28M1Z7E55V8 R5 X9					ZMRP .0000	INCHES
							SCALE .0405	

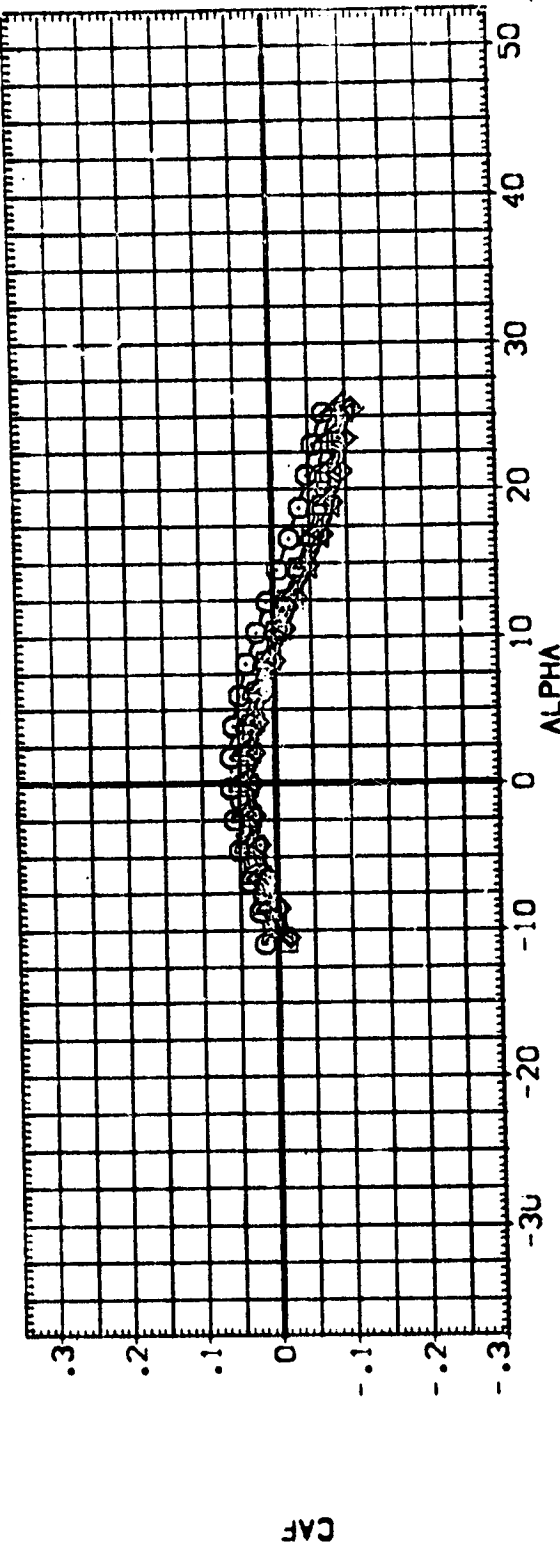
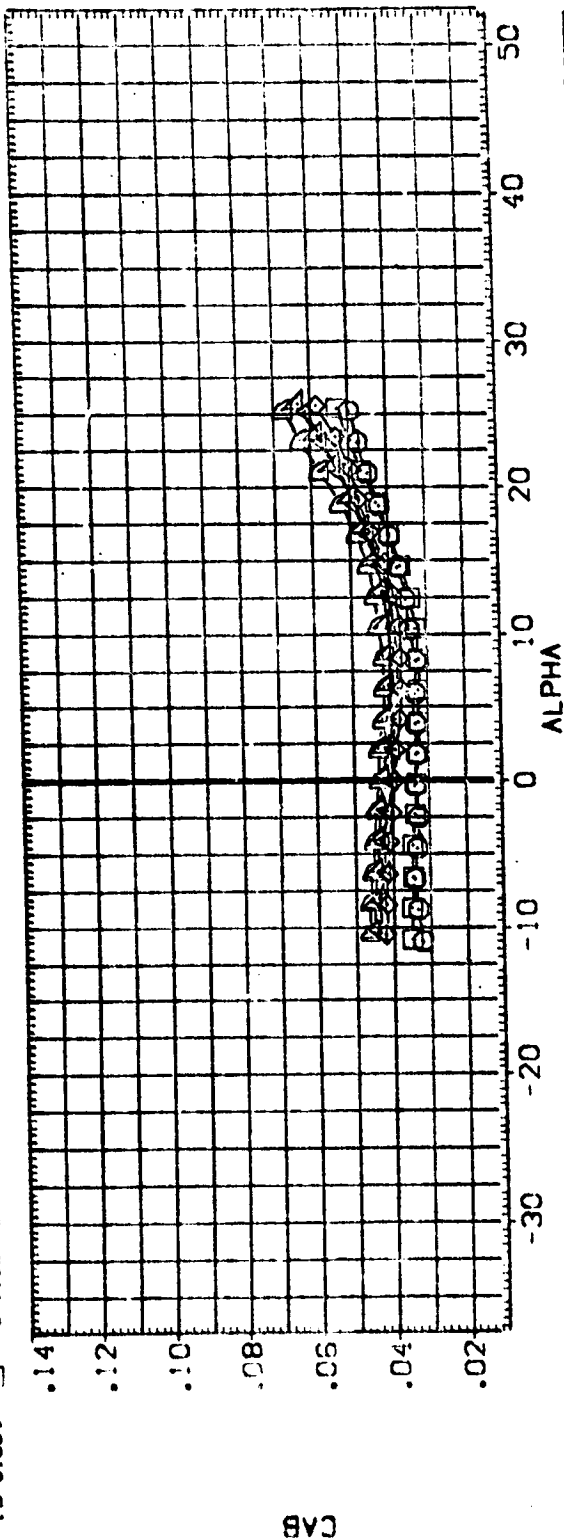


FIG 12 E55 ELEVEN EFFECTIVENESS, SHORT QMS (N=0.26)

(A)MACH = .26



DATA SET SYMBOL CONFIGURATION DESCRIPTION

[B] 9078) DA1193 862C12F 10M16N28V127E55V8 R5 X9
 [B] 9079) DA1193 862C12F 10M16N28V127E55V8 R5 X9
 [B] 9080) DA1193 862C12F 10M16N28V127E55V8 R5 X9
 [B] 9081) DA1193 862C12F 10M16N28V127E55V8 R5 X9
 [B] 9082) DA1193 862C12F 10M16N28V127E55V8 R5 X9
 [B] 9083) DA1193 862C12F 10M16N28V127E55V8 R5 X9

REFERENCE INFORMATION
 SREF 2690.0100 50.FT.
 LREF 474.8100 INCHES
 BREF 936.5800 INCHES
 XMRP 1076.5800 INCHES
 YMRP 375.0000 INCHES
 SCALE .0405

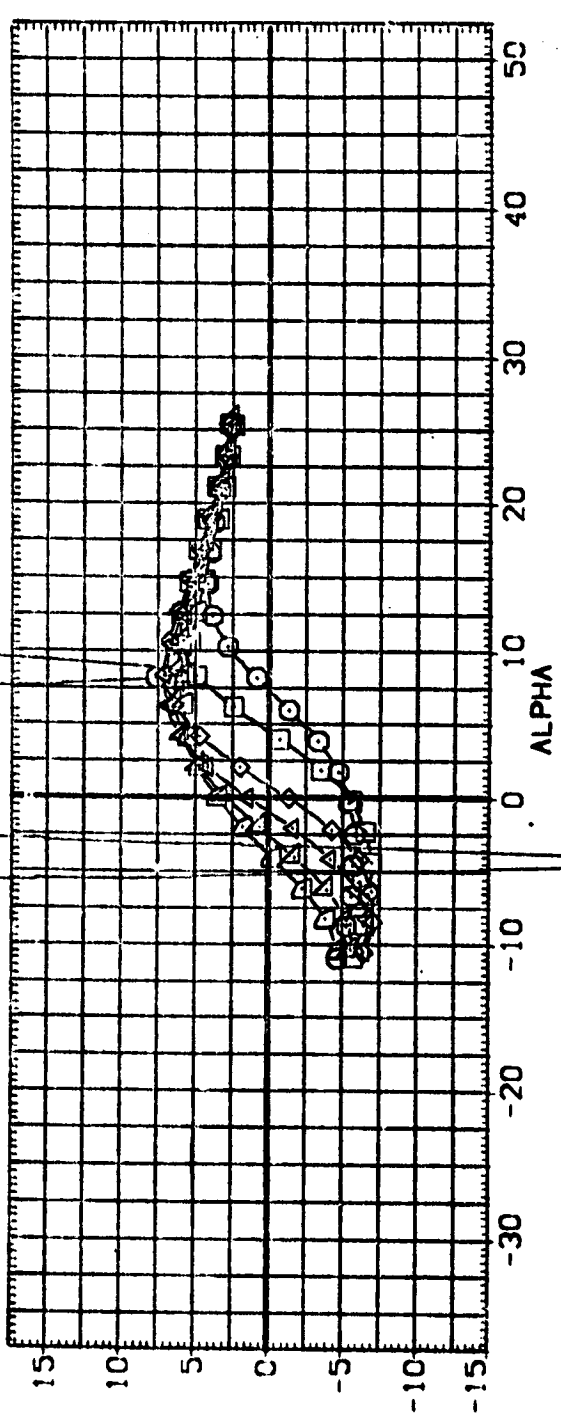
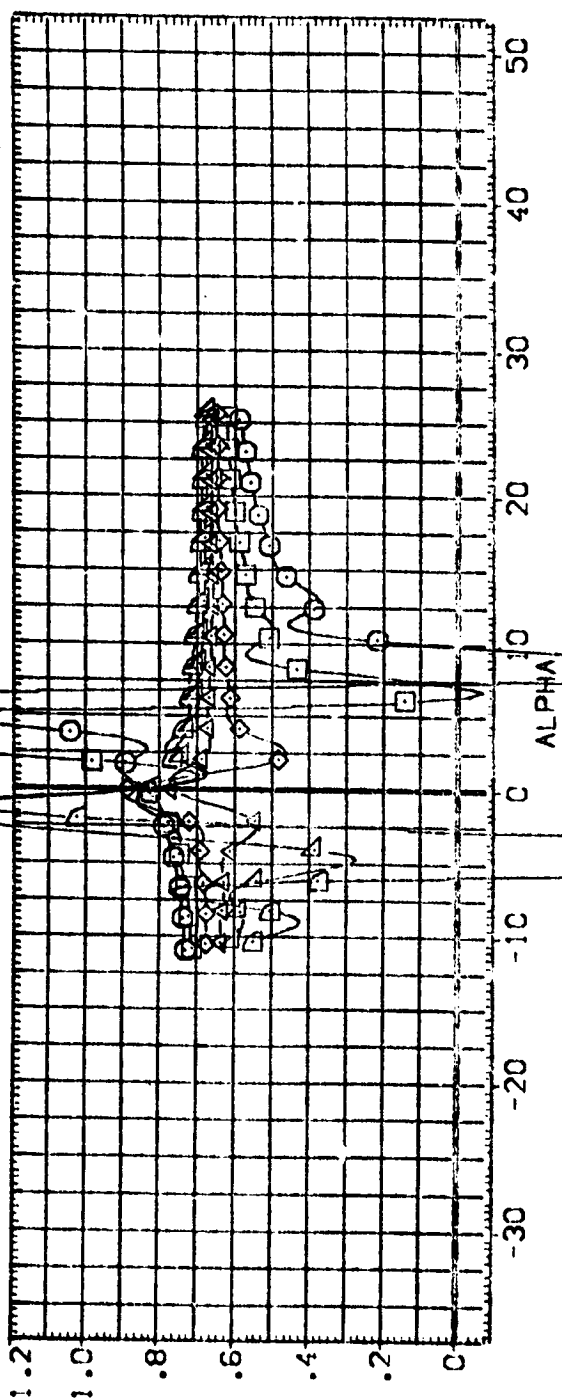


FIG 12 ESS ELEVON EFFECTIVENESS, SHORT OMS (M=0.26)

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO	REFERENCE INFORMATION
[BF 9078]	0A1199 862C12F10M16A28M127E55V8 RS X9	-20.000	-20.000	-20.000	-20.000	SREF 2690.0100 SO.FT.
[BF 9051]	0A1199 862C12F10M16A28M127E55V8 RS X9	-10.000	-10.000	-10.000	-10.000	LREF 474.8100 NC.FT.
[BF 9051]	0A1199 862C12F10M16A28M127E55V8 RS X9	5.000	5.000	5.000	5.000	BREF 936.6800 NC.FT.
[BF 9104]	0A1199 862C12F10M16A28M127E55V8 RS X9	10.000	10.000	10.000	10.000	XREF 1076.8800 NC.FT.
[BF 9104]	0A1199 862C12F10M16A28M127E55V8 RS X9	15.000	15.000	15.000	15.000	YREF 375.0000 NC.FT.
[BF 9104]	0A1199 862C12F10M16A28M127E55V8 RS X9					ZREF 375.0000 NC.FT.
[BF 9104]	0A1199 862C12F10M16A28M127E55V8 RS X9					SCALE .0405

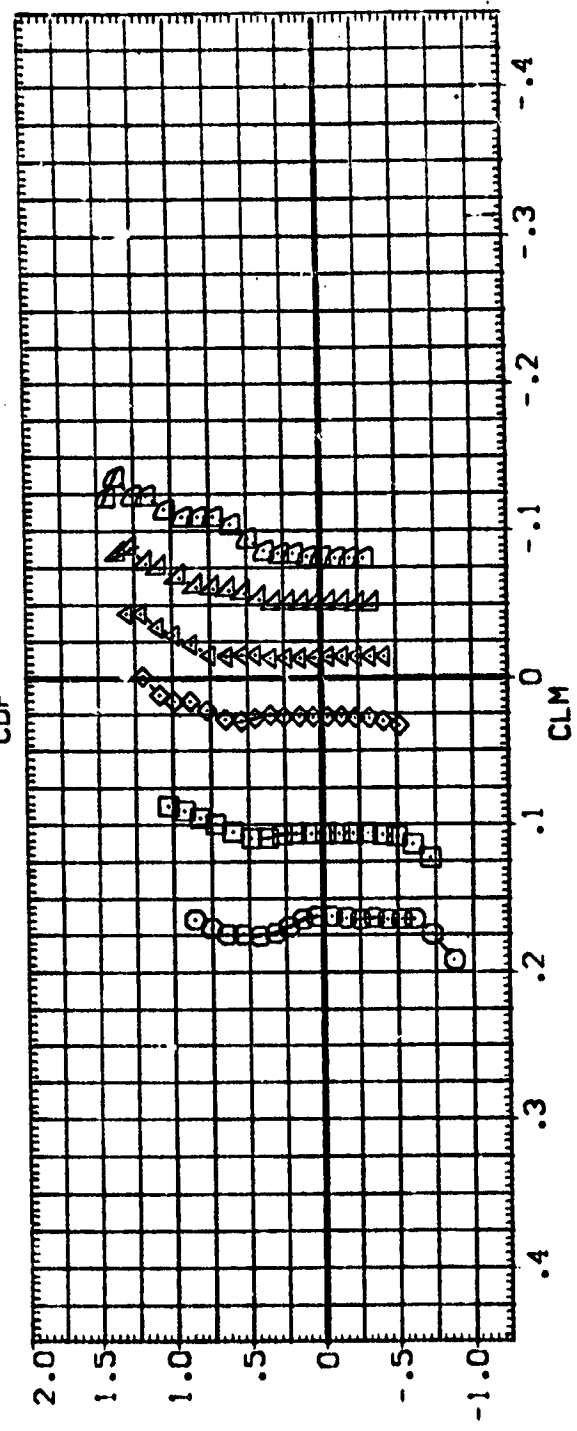
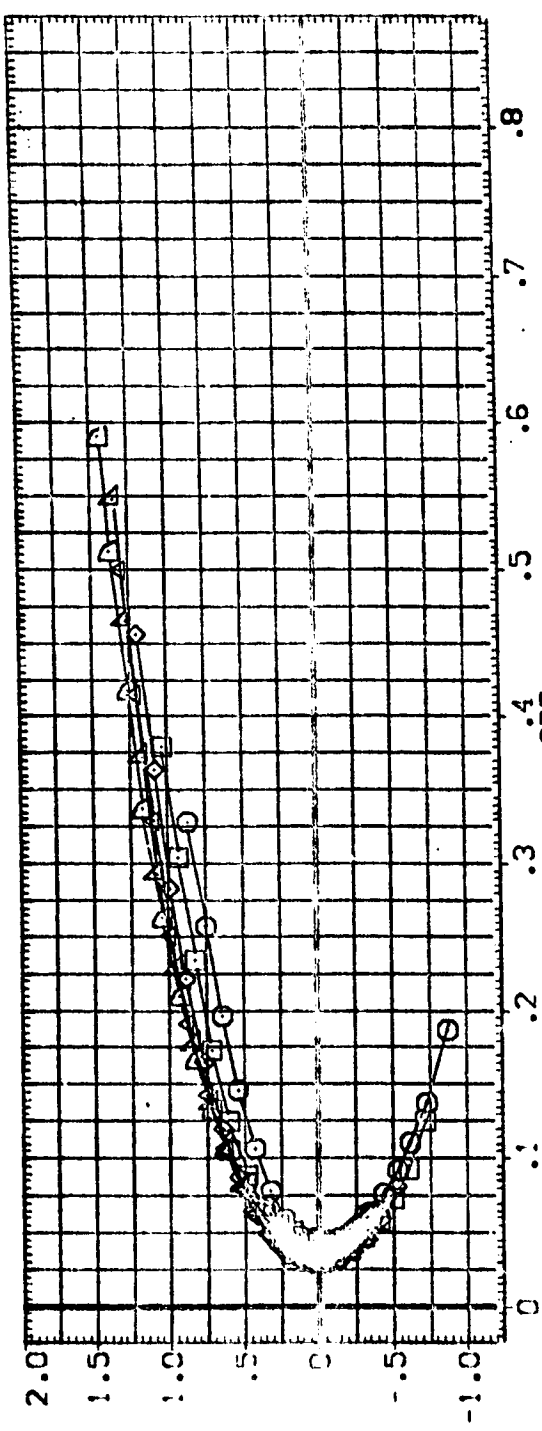


FIG 12 E55 ELEVEN EFFECTIVENESS, SHORT QMS (M=0.26)

(A)MACH = .26



DATA SET SYMB.	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
[# 9078]	0A1198 862C1 2F 10M16N28M1Z7E55V8 R5 X9	-20.000	-20.000	-20.000	-20.000	SREF 2690.0100 50.FT
[# 9051]	0A1198 862C1 2F 10M16N28M1Z7E55V8 R5 X9	-10.000	-10.000	-10.000	-10.000	LREF 474.8100 INCHES
[# 9104]	0A1198 862C1 2F 10M16N28M1Z7E55V8 R5 X9	5.000	5.000	5.000	5.000	BREF 936.8800 INCHES
[# 9052]	0A1198 862C1 2F 10M16N28M1Z7E55V8 R5 X9	10.000	10.000	10.000	10.000	XMAP 1076.6800 INCHES
[# 9106]	0A1198 862C1 2F 10M16N28M1Z7E55V8 R5 X9	15.000	15.000	15.000	15.000	YMAP 375.0000 INCHES
						SCALE .0405

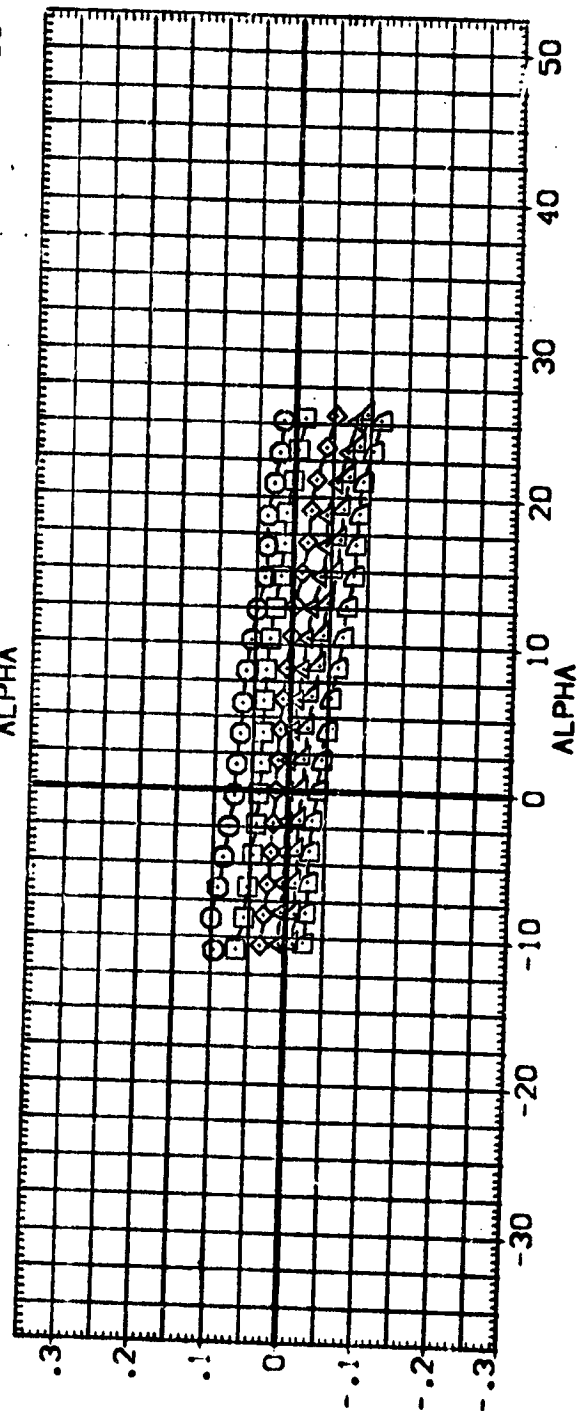
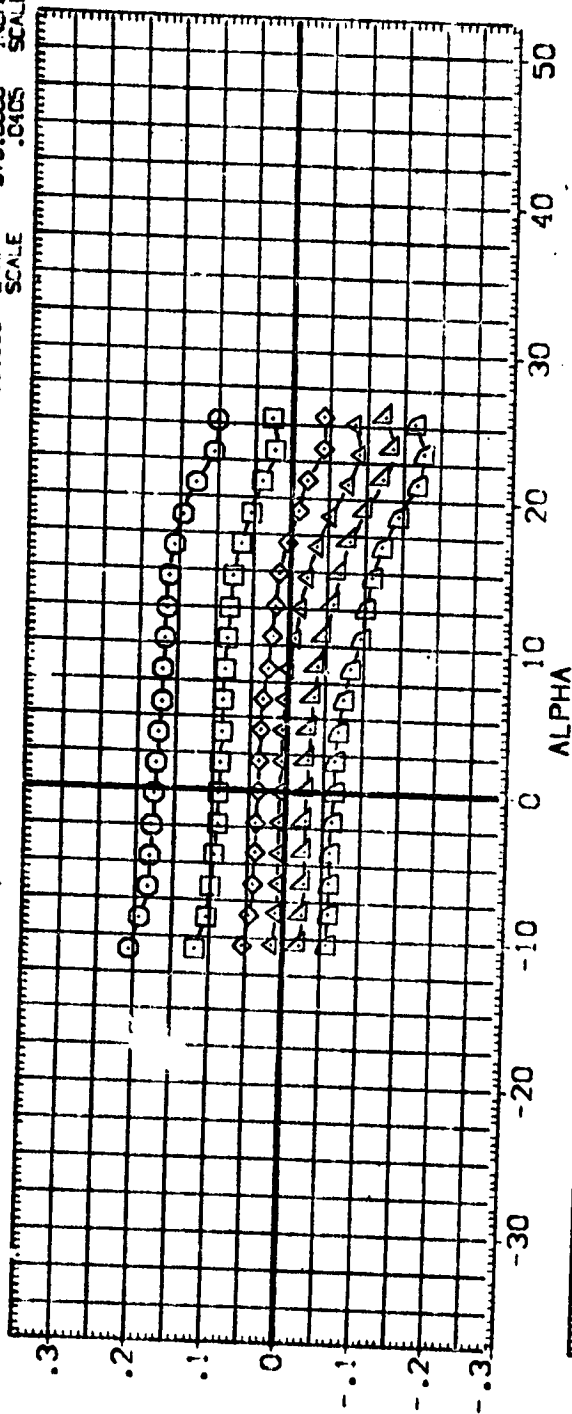


FIG 12 E55 ELEVON EFFECTIVENESS, SHORT QMS (M=0.26)

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
(BF9056)	0A1198 B62C12F10M7 N28V127E55V8 R5 X9	-10.000	-10.000	-10.000	-10.000	SREF 2690.0100 SQ.FT.
(BF9070)	0A1198 B62C12F10M7 N28V127E55V8 R5 X9	.000	.000	.000	.000	LREF 474.8100 INCHES
(BF9059)	0A1198 B62C12F10M7 N28V127E55V8 R5 X9	10.000	10.000	10.000	10.000	BREF 936.6800 INCHES
						XMRP 1076.0000 INCHES
						YMRP .0000 INCHES
						ZMRP 375.0000 INCHES
						SCALE .0405

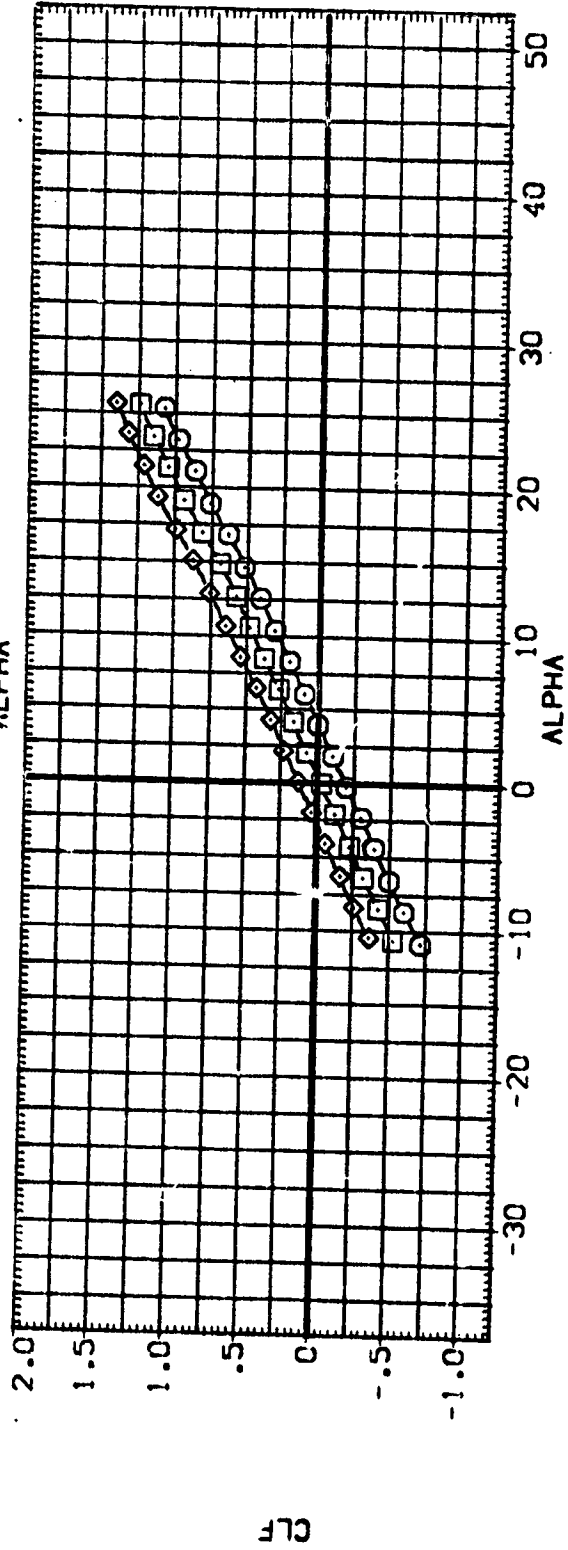
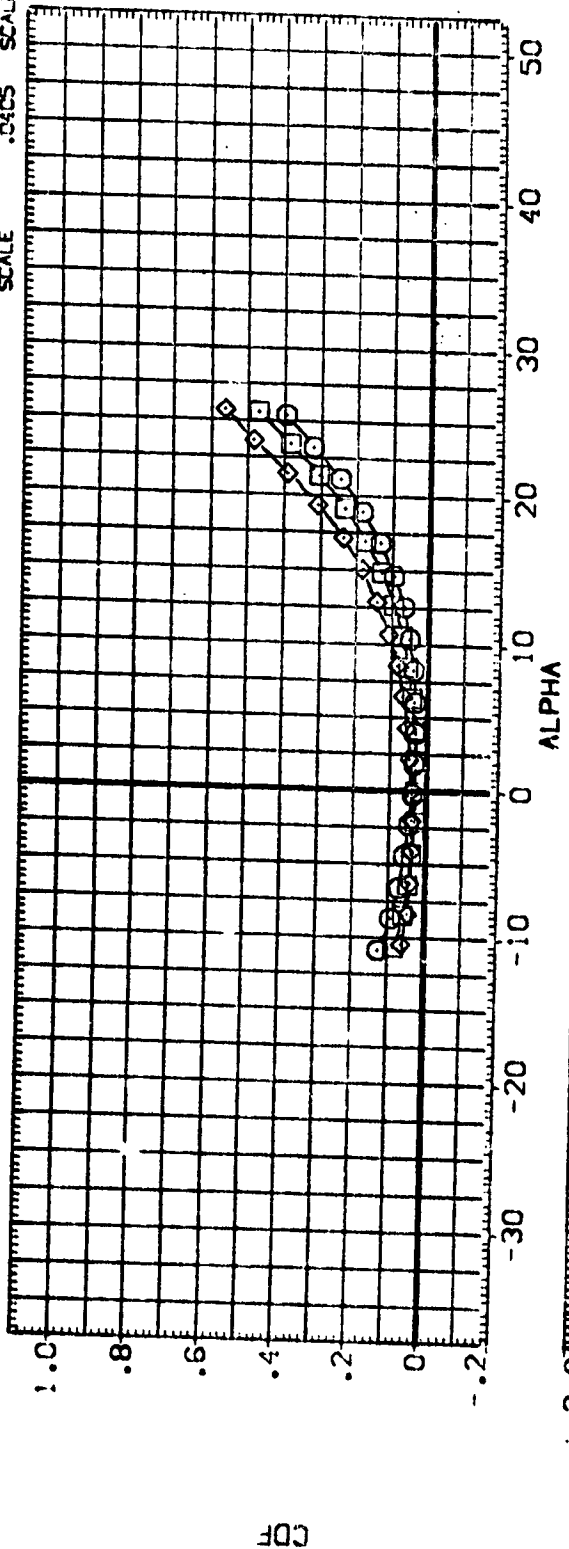


FIG 13 E55 ELEVON EFFECTIVENESS, LONG QMS (M=0.26)

(A)MACH = .26



DATA SET SYMBOL. CONFIGURATION DESCRIPTION

(B) 9056) \square DA1198 862C12F1047 N28W127E55V8 R5 X9

(B) 9020) \diamond DA1198 862C12F1047 N28W127E55V8 R5 X9

(B) 9039) \diamond DA1198 862C12F1047 N28W127E55V8 R5 X9

ELV-L0 ELV-L1 ELV-R1 ELV-R0

-10.000 -10.000 -10.000 -10.000

.000 .000 .000 .000

10.000 10.000 10.000 10.000

REFERENCE INFORMATION

SREF 2690.3100 SQ.FT

LREF 474.8100 INCHES

BREF 936.5800 INCHES

XMRP 1076.5800 INCHES

YMRP .0000 INCHES

ZMRP 375.0000 INCHES

SCALE .0405

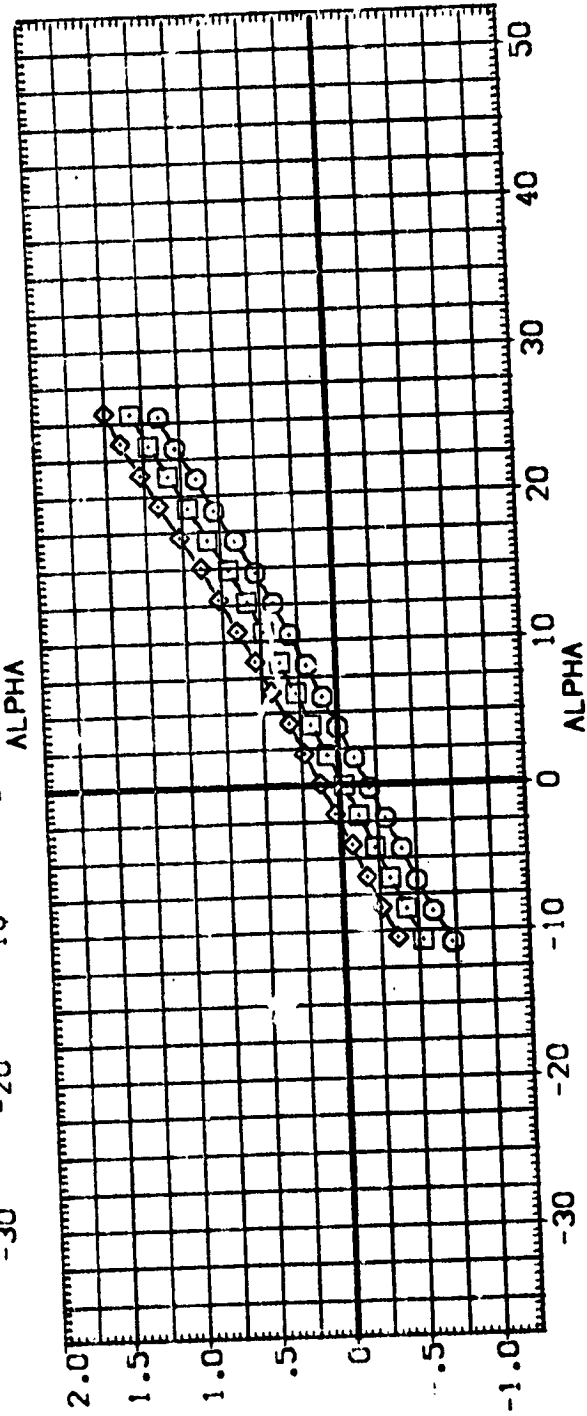
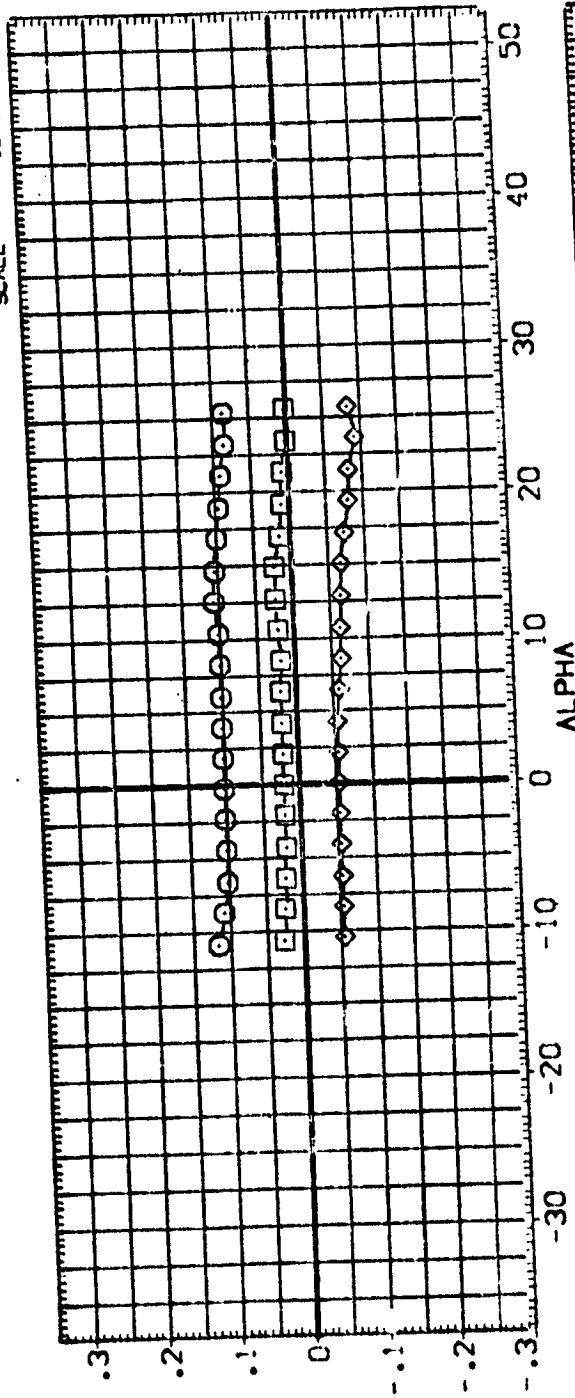


FIG 13 E55 ELEVON EFFECTIVENESS, LONG QMS (M=0.26)

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
[B 9056]	0A1198 B62C12F10-7 N28V127E55V8 R5 X9	-10.000	-10.000	-10.000	-10.000	SREF 2690.0100 SQ.FT.
[B 9020]	0A1198 B62C12F10-7 N28V127E55V8 R5 X9	.000	.000	.000	.000	UREF 474.8100 INCHES
[B 9099]	0A1198 B62C12F10-7 N28V127E55V8 R5 X9	10.000	10.000	10.000	10.000	BREF 936.8800 INCHES
						XMRP 1076.8800 INCHES
						YMRP .0000 INCHES
						ZMRP 375.0000 INCHES
						SCALE .0405

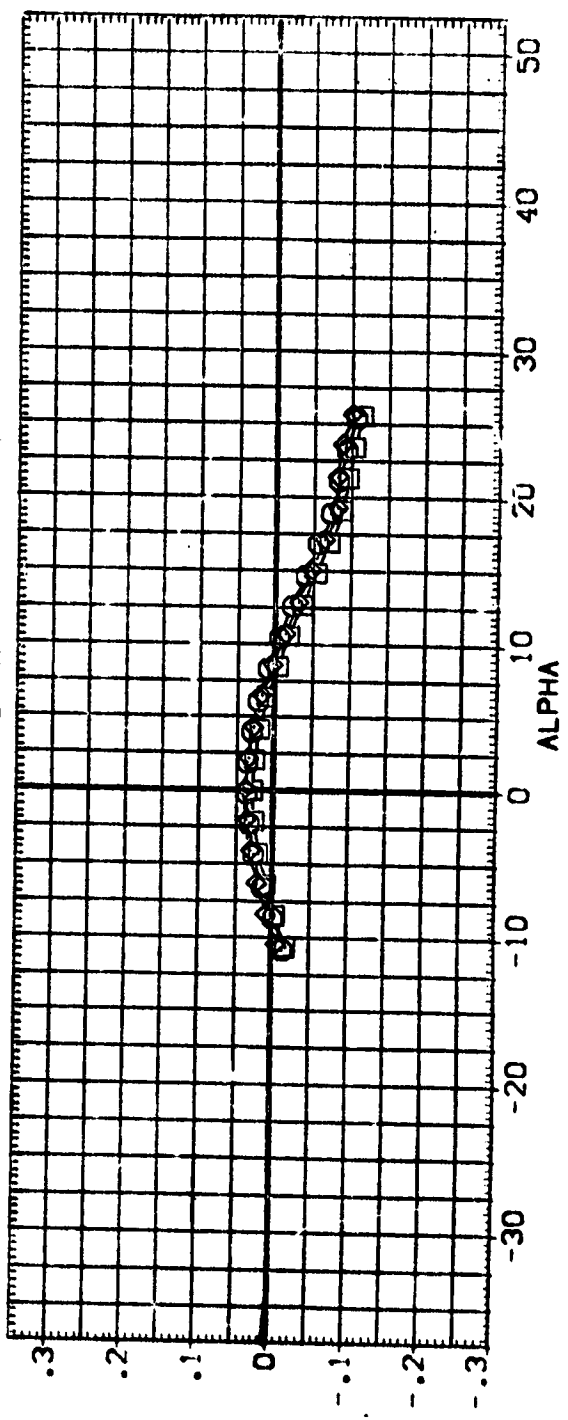
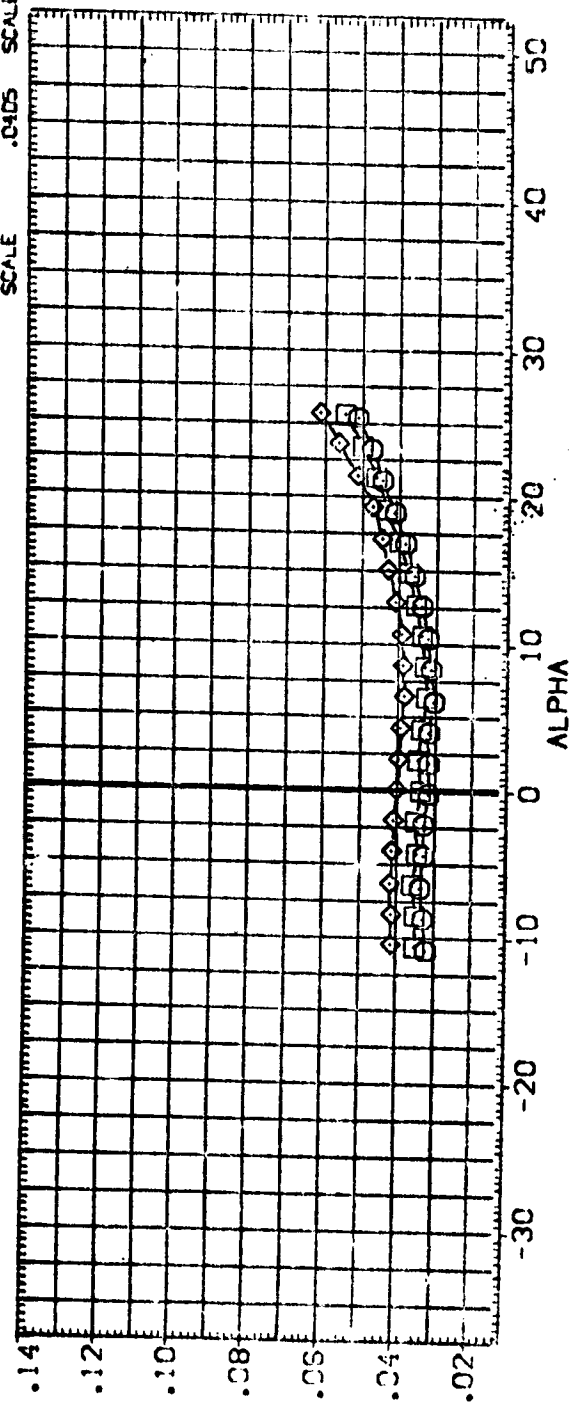


FIG 13 E55 ELEVON EFFECTIVENESS, LONG QMS (M=0.26)
 (A)MACH = .26



DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (B-5056) 0A1158 862C12F10W7 N26V127E55V8 R5 X9
 (B-5072) 0A1158 862C12F10W7 N26V127E55V8 R5 X9
 (B-5058) 0A1158 862C12F10W7 N26V127E55V8 R5 X9

ELV-L0 ELV-L1 ELV-R1 ELV-R0
 -10.000 -10.000 -10.000 -10.000
 10.000 10.000 10.000 10.000
 REFERENCE INFORMATION
 SREF 2690.0100 50.FT.
 LREF 474.8100 INCHES
 BREF 936.8800 INCHES
 XMRP 1076.8800 INCHES
 YMRP 1000.0000 INCHES
 ZMRP 375.0405 INCHES
 SCALE

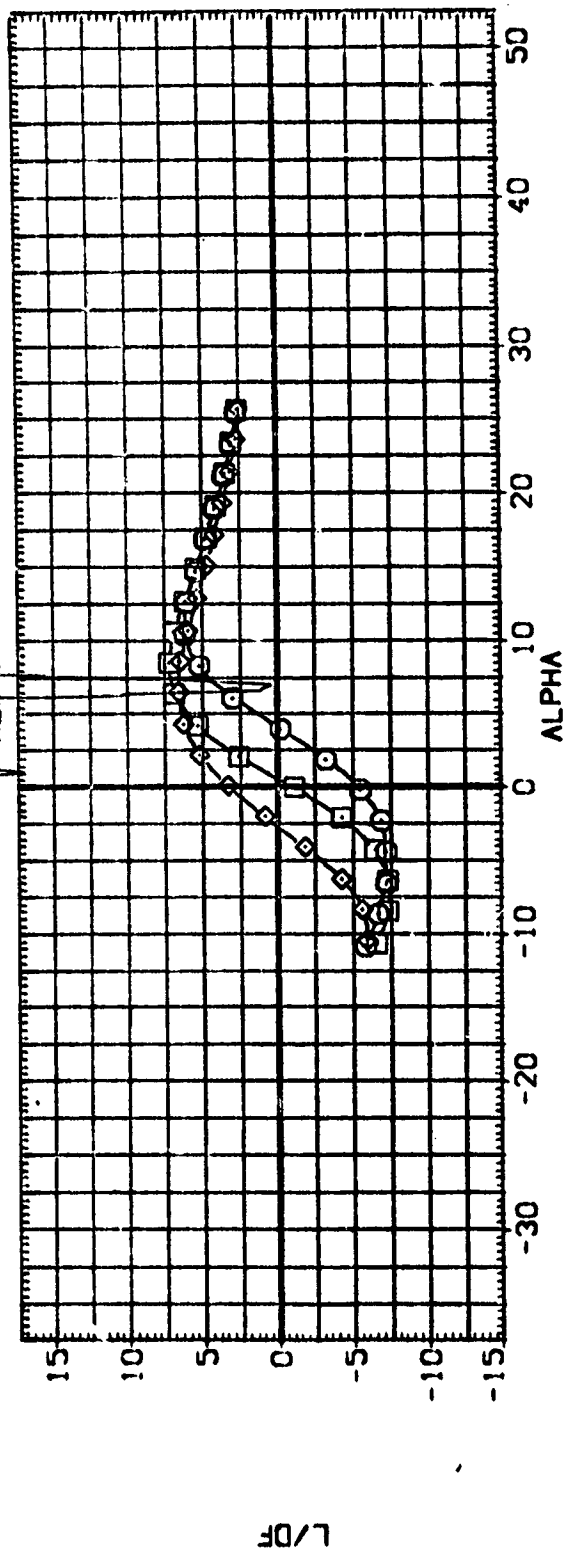
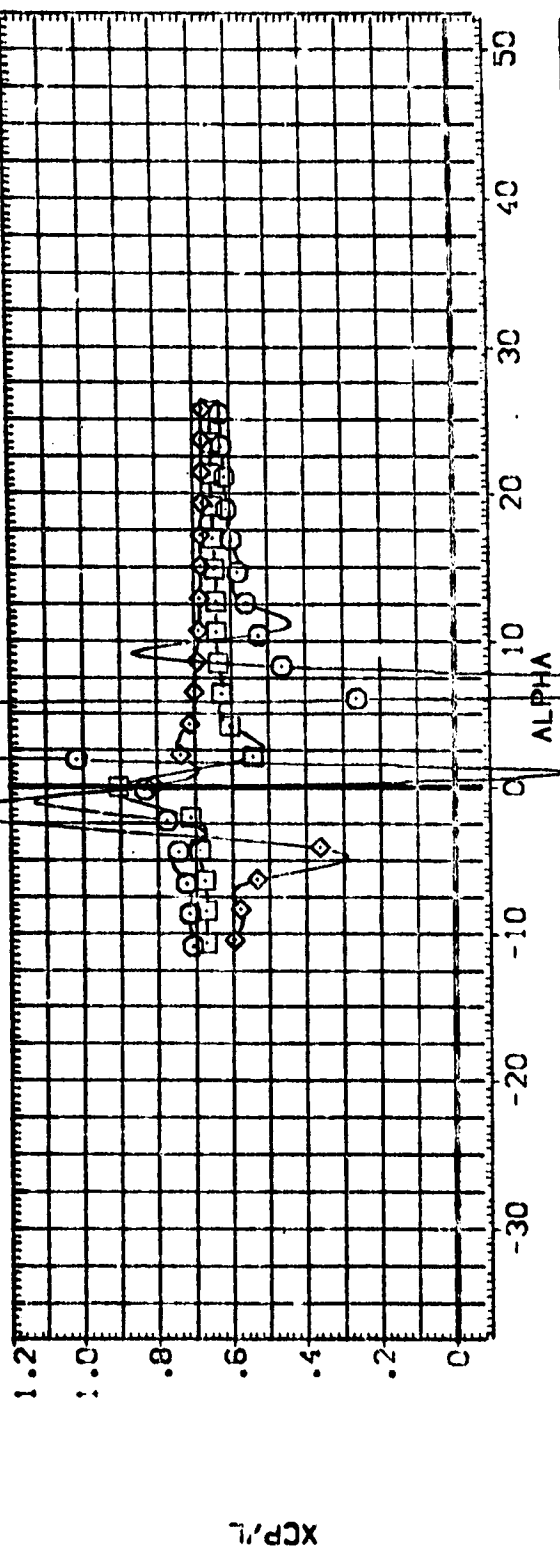


FIG 13 E55 ELEVEN EFFECTIVENESS, LONG QMS (M=0.26)

CAMACH = .26

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(B-9055)	0A1198 B62C12F1047 N28M127E55V8 R5 X9
(B-9023)	0A1198 B62C12F1047 N28M127E55V8 R5 X9
(B-9059)	0A1198 B62C12F1047 N28M127E55V8 R5 X9

REFERENCE INFORMATION

REFERENCE INFORMATION	ELV-LO	ELV-LI	ELV-RI	ELV-RO
SREF	-10.000	-10.000	-10.000	-10.000
LREF	10.000	10.000	10.000	10.000
SREF	10.000	10.000	10.000	10.000
XMRP	10.000	10.000	10.000	10.000
YMRP	10.000	10.000	10.000	10.000
ZMRP	10.000	10.000	10.000	10.000
SCALE	375.0000	375.0000	375.0000	375.0000

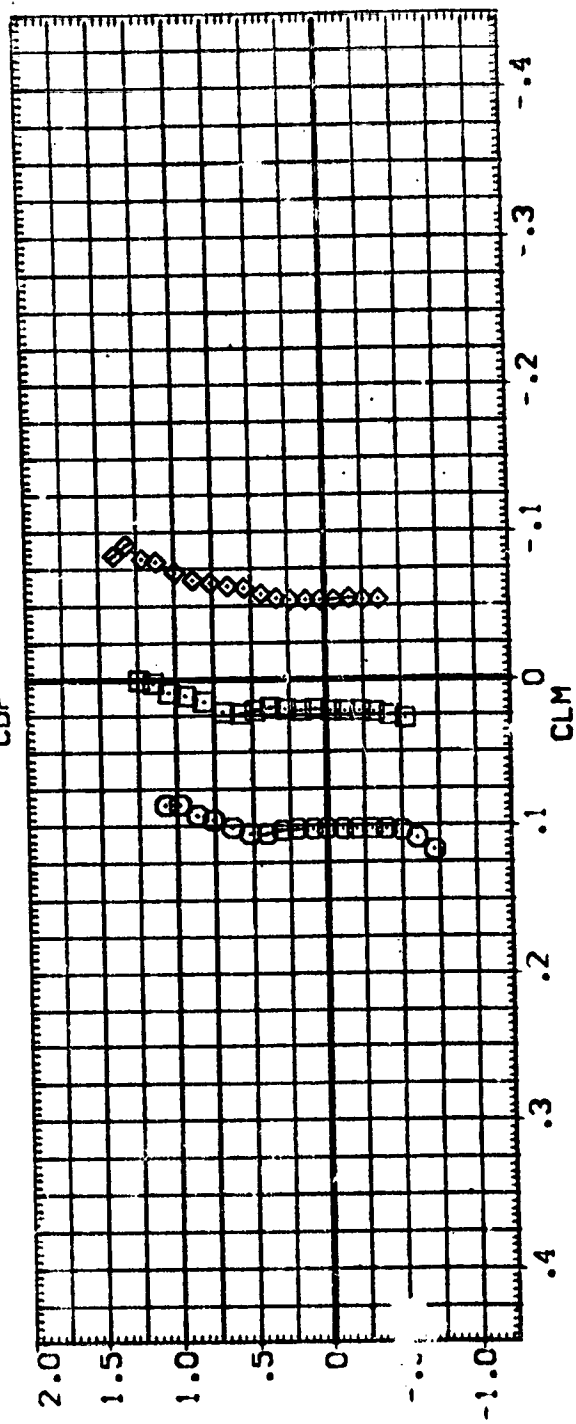
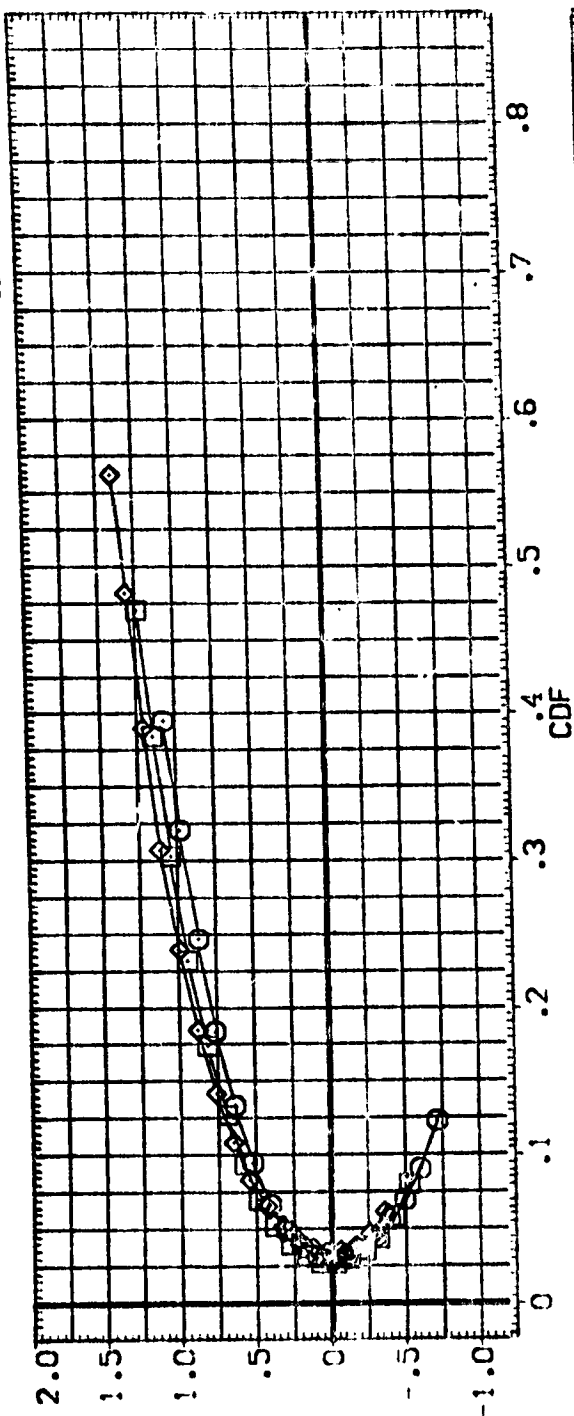


FIG 13 E55 ELEVEN EFFECTIVENESS. LONG QMS (M=0.26)

(A)MACH = .26



DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION	
[# 9056]	Q	0A1198 B62C12F10M7 N28V127E55V8 R5 X9	-10.000	-10.000	-10.000	-10.000	SREF	2690.0100 SQ.FT.
[# 9073]	Q	0A1198 B62C12F10M7N28 V127E55V8 R5 X9	.000	.000	.000	.000	LREF	474.8100 INCHES
[# 9099]	Q	0A1198 B62C12F10M7 N28V127E55V8 R5 X9	10.000	10.000	10.000	10.000	BREF	936.6800 INCHES
							XMRP	1076.0000 INCHES
							YMRP	375.0000 INCHES
							ZMRP	SCALE
								.0405

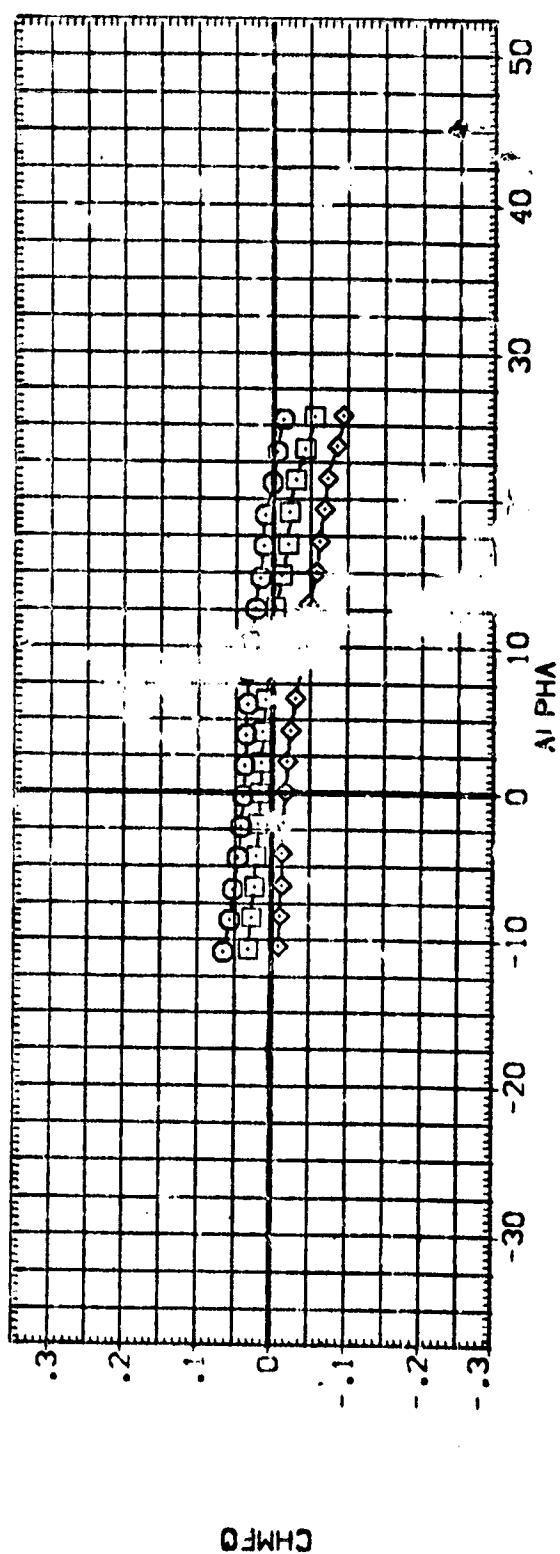
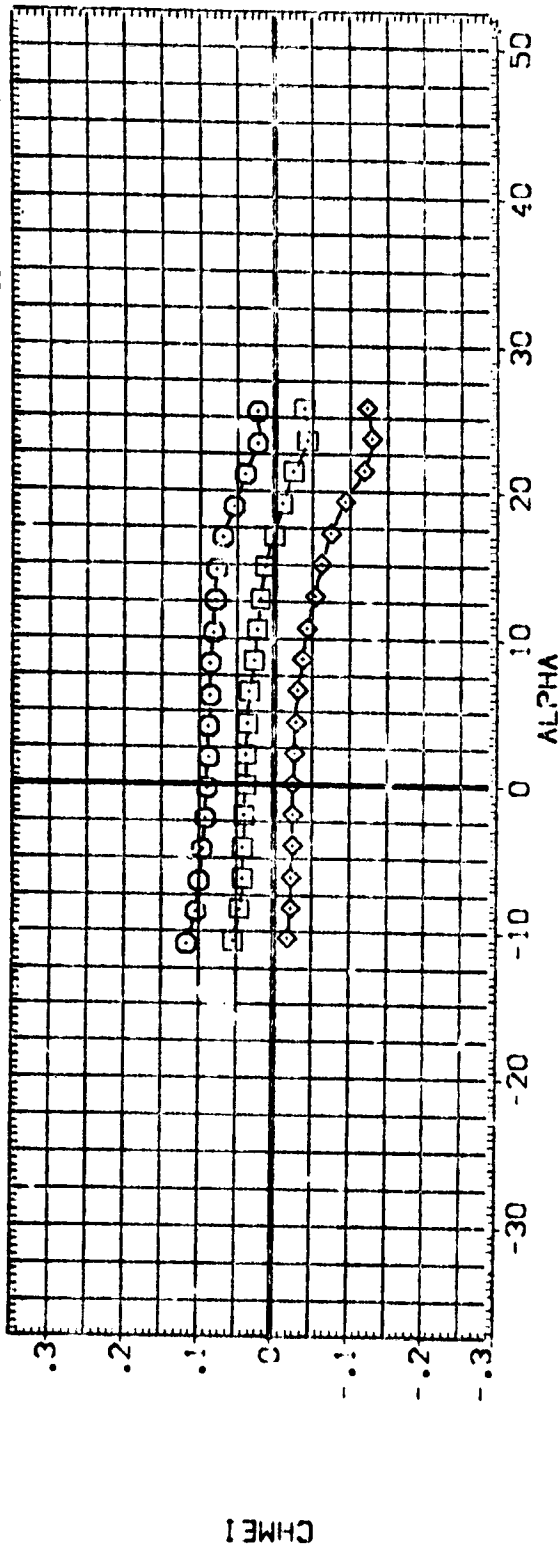


FIG 13 E55 ELEVON EFFECTIVENESS, LONG QMS (M=0.26)

(A)MACH = .26

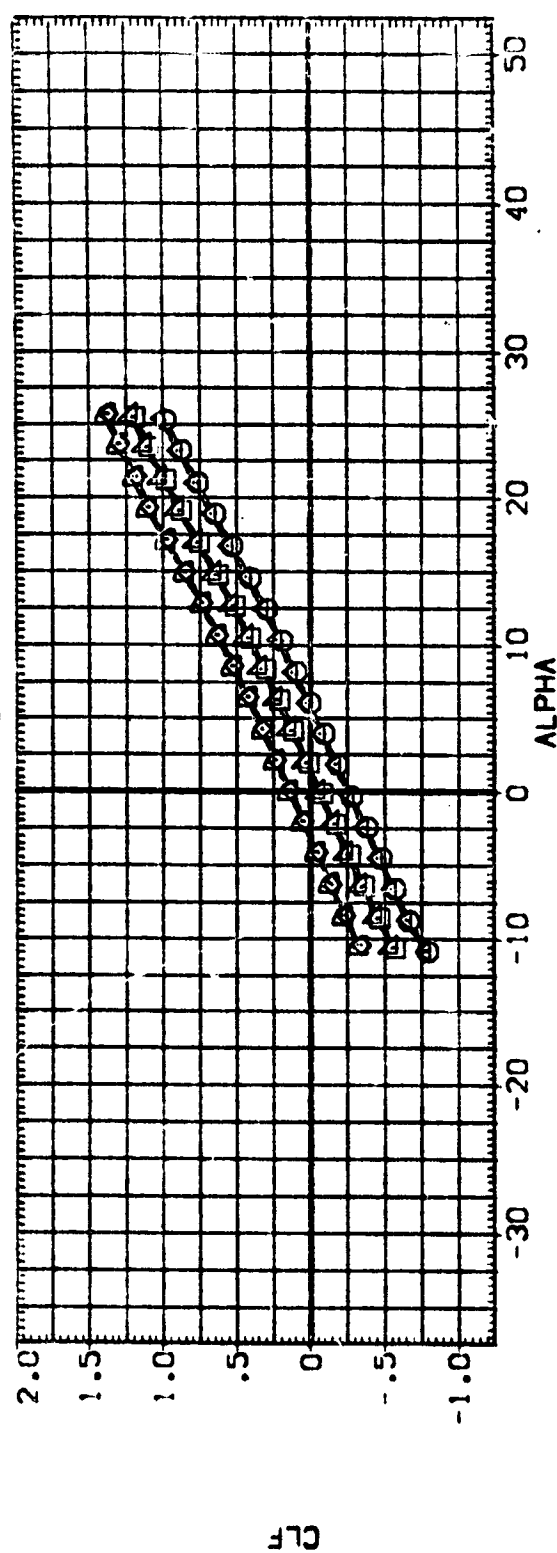
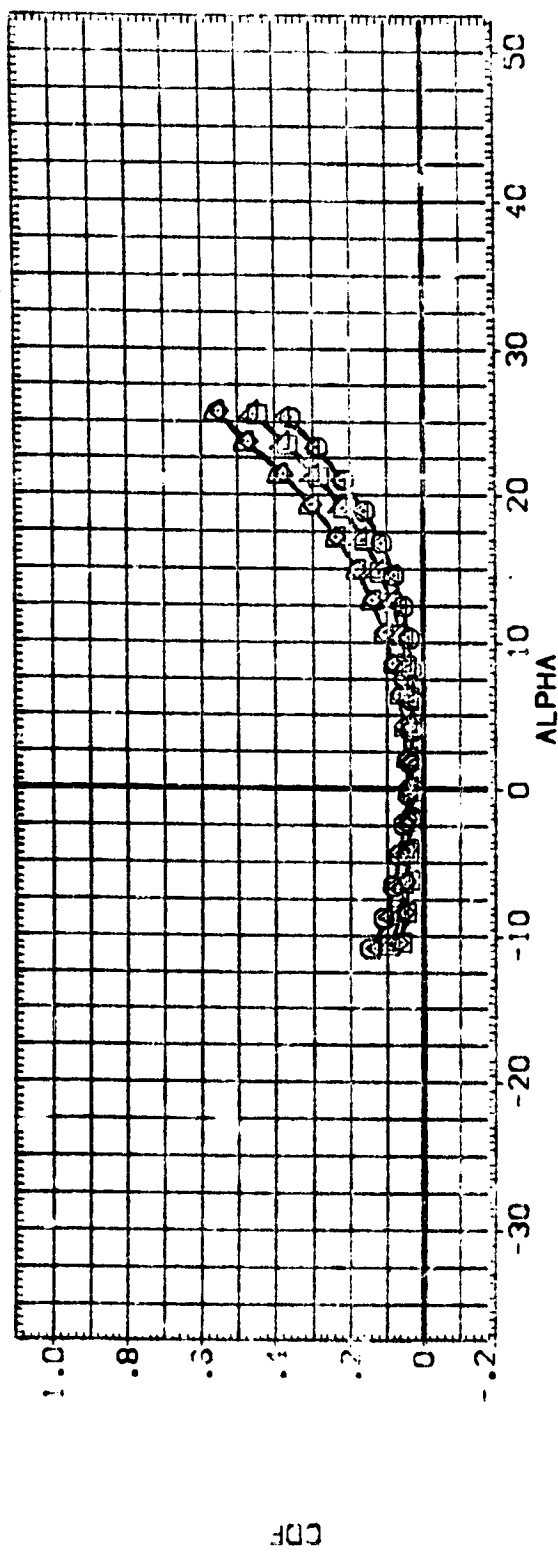
[illegible]

FIG 14 E56 ELEVEN EFFECTIVENESS, SHORT QMS, (M=0.26)

$$[A]_{MACH} = .26$$

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDRBK	RUDER	REFERENCE INFORMATION
CF9053	DA1198 B62C12 10M16A28V17E56V8 RS X9	-10.000	-12.000	25.000	.000	SREF 2690.0100 50.FT.
CF9054	DA1198 B62C12 10M16A28V17E56V8 RS X9	.000	-12.000	25.000	.000	LREF 474.8100 INCHES
CF9055	DA1198 B62C12 10M16A28V17E56V8 RS X9	10.000	-12.000	25.000	.000	BREF 936.6500 INCHES
CF9056	DA1198 B62C12 10M16A28V17E56V8 RS X9	-10.000	.000	25.000	.000	XMRP 1076.8800 INCHES
CF9057	DA1198 B62C12 10M16A28V17E56V8 RS X9	.000	.000	25.000	.000	YMRP .0000 INCHES
CF9058	DA1198 B62C12 10M16A28V17E56V8 RS X9	10.000	.000	25.000	.000	ZMRP 375.0000 INCHES
						SCALE .0405

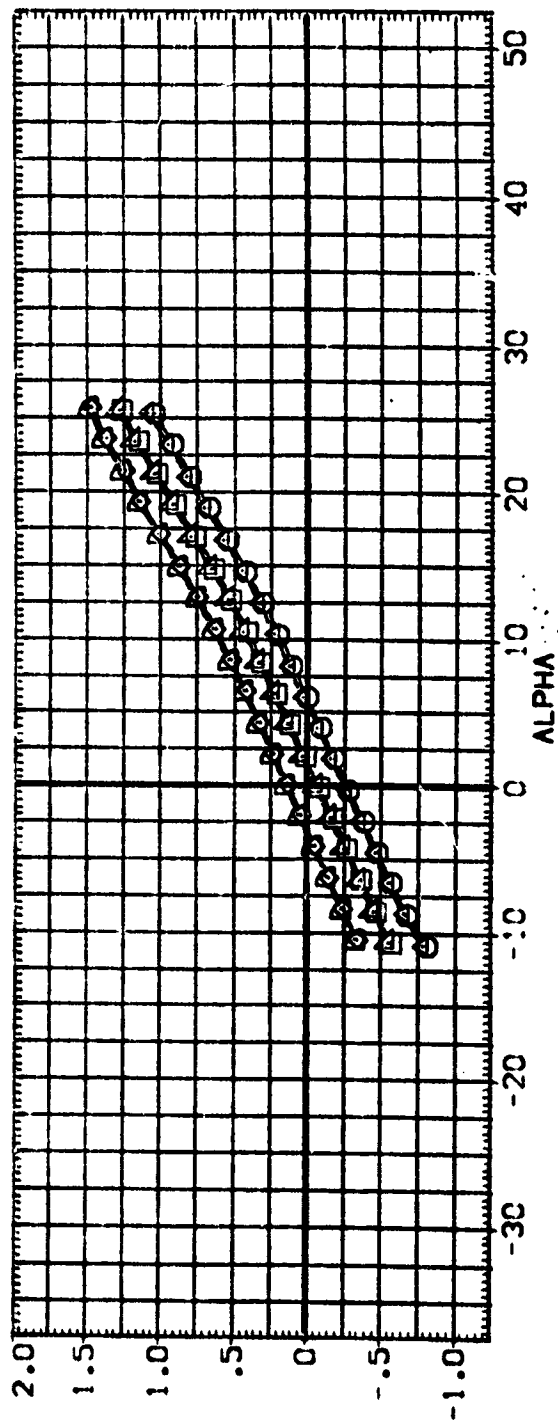
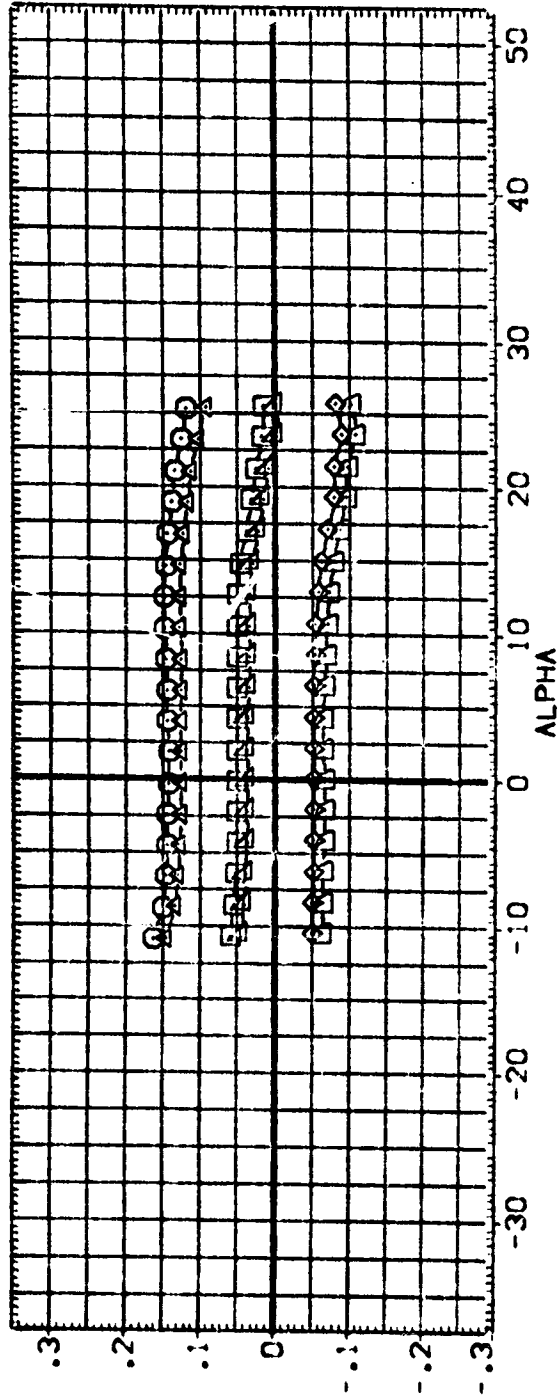


FIG 14 E56 ELEVON EFFECTIVENESS, SHORT QMS, (M=0.26)

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[C59053]	DA1198 862C12 0416N28 27E56V8 RS X9	-10.000	-12.000	25.000	.000	SREF 2690.0100 SQ.FT.
[C59054]	DA1198 862C12 0416N28 27E56V8 RS X9	-10.000	-12.000	25.000	.000	LREF 474.8100 INCHES
[C59055]	DA1198 862C12 0416N28 27E56V8 RS X9	-10.000	-12.000	25.000	.000	BREF 936.8800 INCHES
[C59056]	DA1198 862C12 0416N28 27E56V8 RS X9	-10.000	-12.000	25.000	.000	XMRP 1076.8900 INCHES
[C59057]	DA1198 862C12 0416N28 27E56V8 RS X9	-10.000	-12.000	25.000	.000	YMRP 375.0000 INCHES
[C59058]	DA1198 862C12 0416N28 27E56V8 RS X9	-10.000	-12.000	25.000	.000	ZMRP 375.0000 INCHES
[C59059]	DA1198 862C12 0416N28 27E56V8 RS X9	-10.000	-12.000	25.000	.000	SCALE .0405

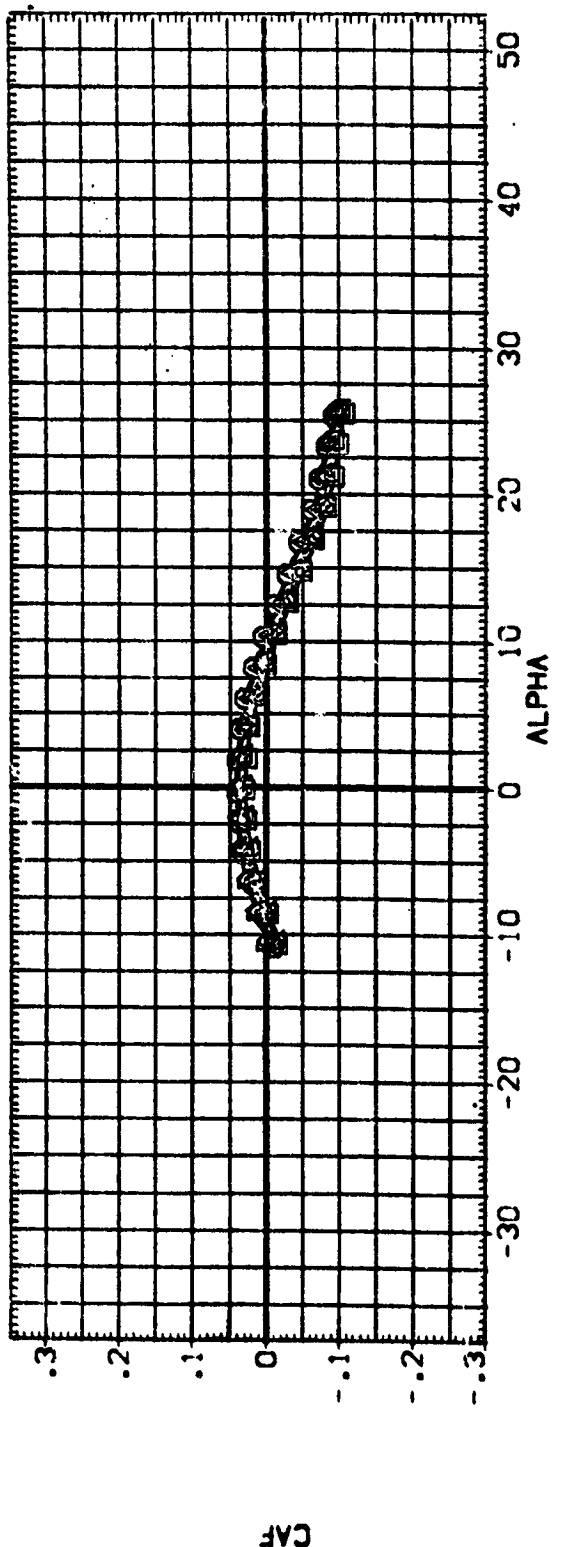
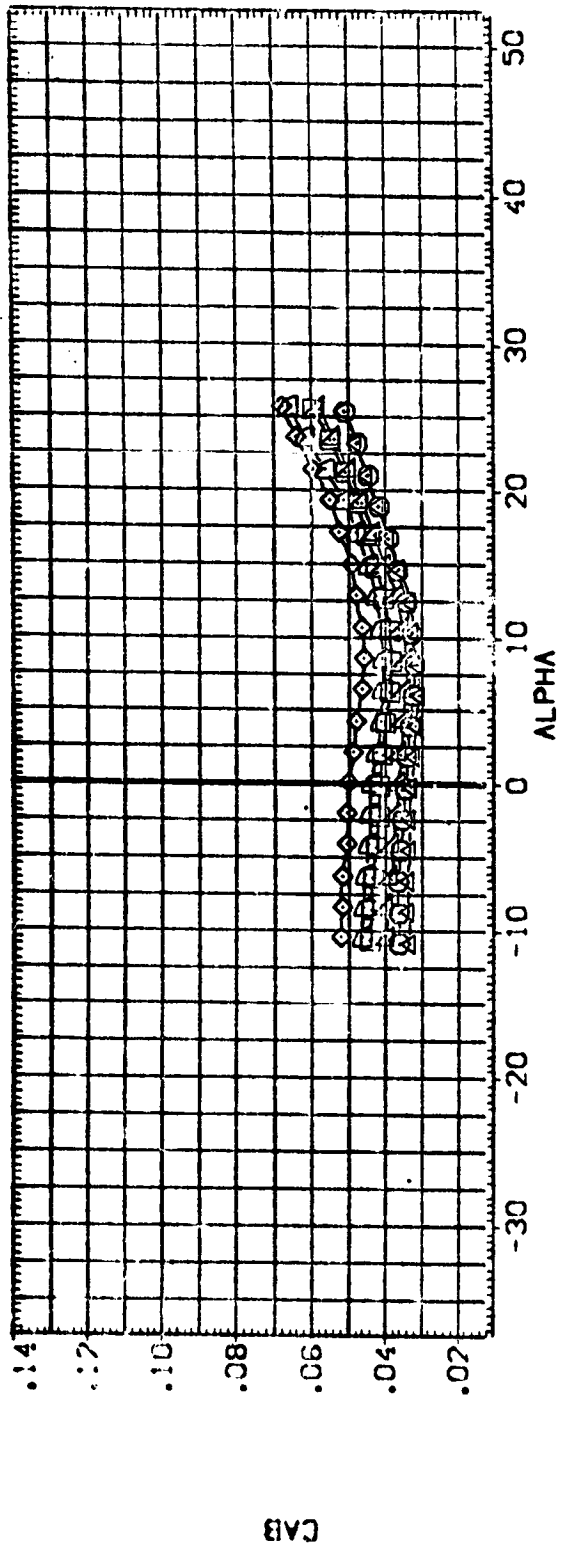


FIG 14 E56 ELEVON EFFECTIVENESS, SHORT OMS. (M=0.26)

(A)MACH = .26



DATA SET SYMBOL CONFIGURATION DESCRIPTION

CF9053	CA1193	B62C	2F	10M	6.28V	27E55V8	R5	X9
CF9054	CA1193	B62C	2F	10M	6.28V	27E55V8	R5	X9
CF9055	CA1193	B62C	2F	10M	6.28V	27E55V8	R5	X9
CF9056	CA1193	B62C	2F	10M	6.28V	27E55V8	R5	X9
CF9057	CA1193	B62C	2F	10M	6.28V	27E55V8	R5	X9

ELEVON

-10.000	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
10.000	-12.000	25.000	.000	SREF 2690.0100
-10.000	-12.000	25.000	.000	LREF 474.8100
10.000	-12.000	25.000	.000	BREF 936.8800
-10.000	.000	25.000	.000	XMRP 1076.8800
10.000	.000	25.000	.000	YMRP .0000
-10.000	.000	25.000	.000	ZMRP .0000
10.000	.000	25.000	.000	SCALE .0105

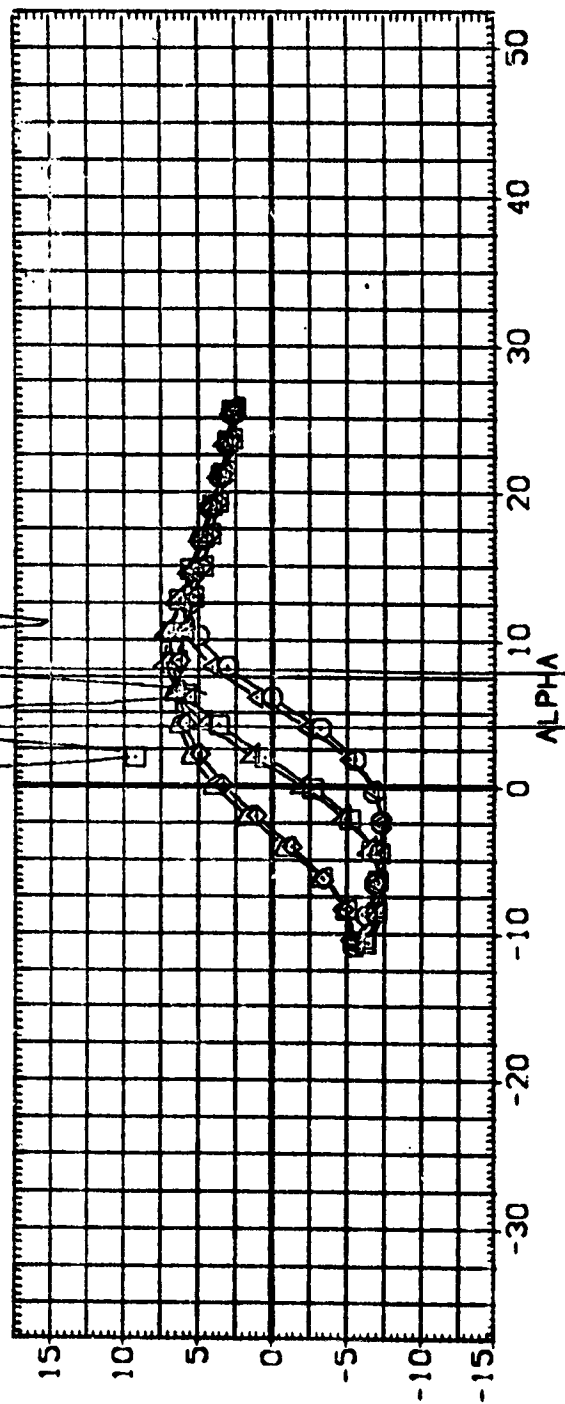
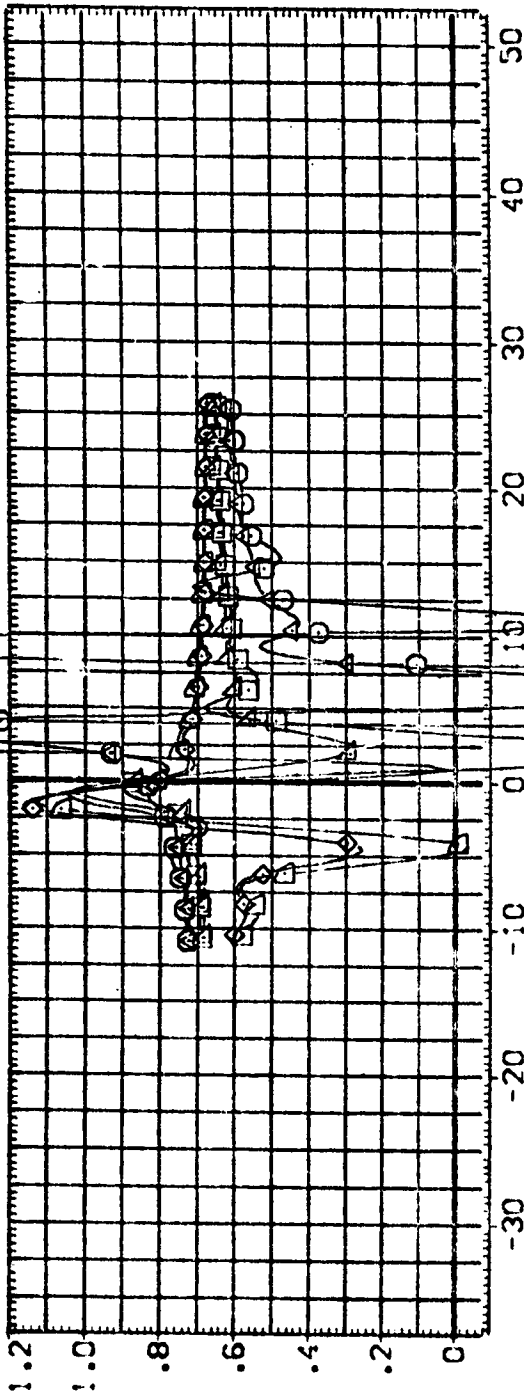


FIG 14 E56 ELEVON EFFECTIVENESS, SHORT CMS, (M=0.26)

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BD FLAP	SPDRBK	R-DOER	REFERENCE INFORMATION
CF 9053	DA1199 8620 2F 10M18N28V127E56V8 P5 X9	-10.000	-12.000	25.000	.000	SREF 2690.0100 SQ.FT.
CF 9054	DA1199 8620 2F 10M18N28V127E56V8 P5 X9	10.000	-12.000	25.000	.000	LREF 474.8100 INCHES
CF 9055	DA1199 8620 2F 10M18N28V127E56V8 P5 X9	-10.000	-12.000	25.000	.000	BREF 936.5800 INCHES
CF 9056	DA1199 8620 2F 10M18N28V127E56V8 P5 X9	10.000	0.000	25.000	.000	XPRP 1076.0000 INCHES
CF 9057	DA1199 8620 2F 10M18N28V127E56V8 P5 X9	10.000	0.000	25.000	.000	YPRP 0.0000 INCHES
CF 9058	DA1199 8620 2F 10M18N28V127E56V8 P5 X9	10.000	0.000	25.000	.000	ZPRP 375.0000 INCHES
CF 9059	DA1199 8620 2F 10M18N28V127E56V8 P5 X9	10.000	0.000	25.000	.000	SCALE .0405 SCALE

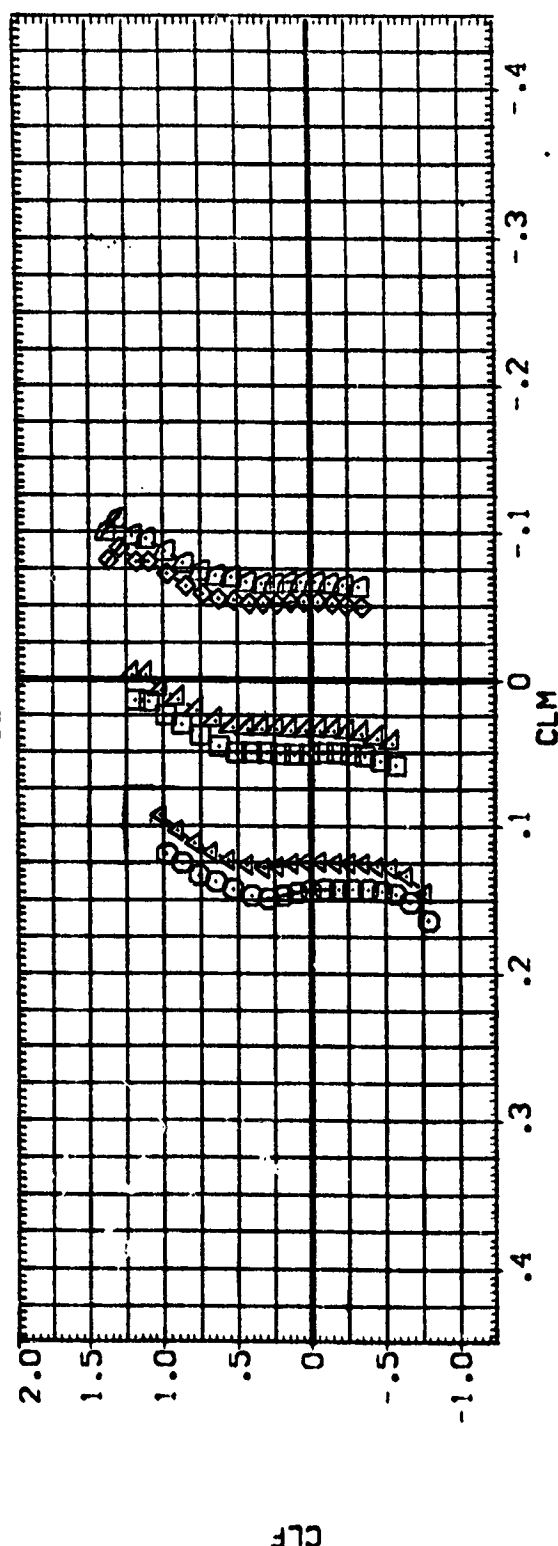
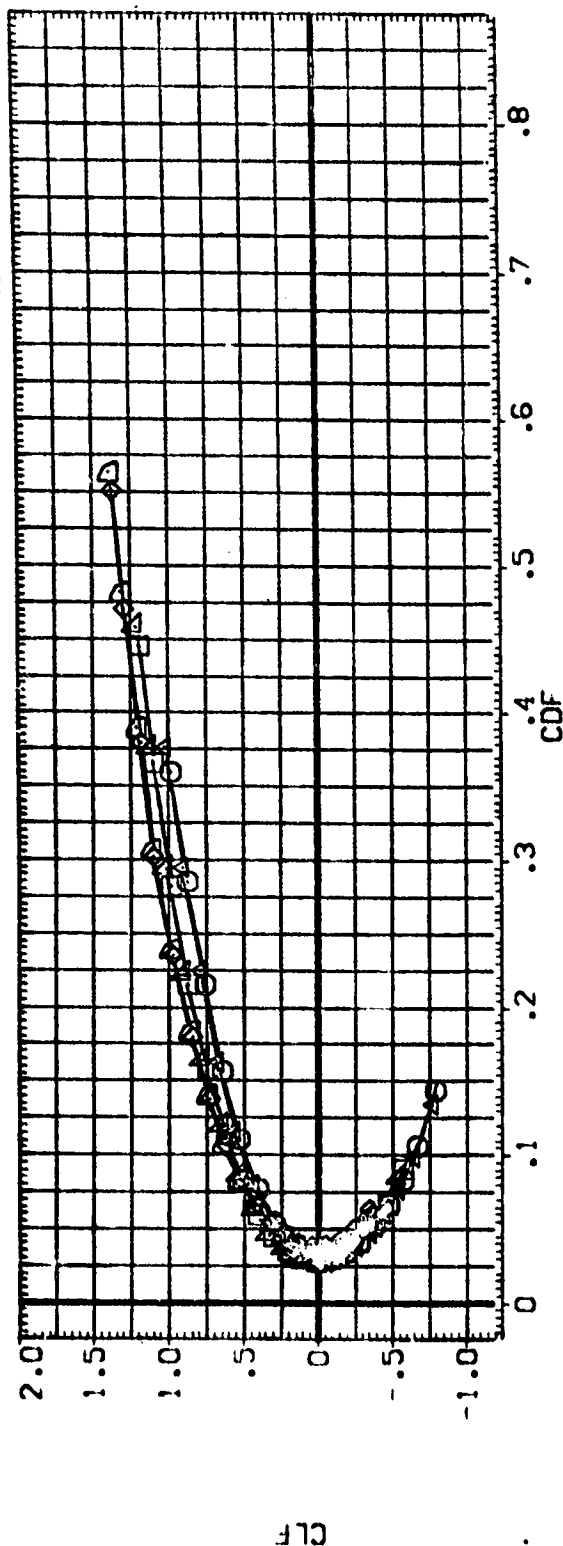


FIG 14 E56 ELEVON EFFECTIVENESS, SHORT QMS, (M=0.26)

(A) MACH = .26



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[C-5054]	0A1158 B62C12 D47 N28V1 Z7E56V8 R5 X9	-10.000	-12.000	25.000	.000	SREF 2690.0100 50.FT.
[C-5018]	0A1158 B62C12 D47 N28V1 Z7E56V8 R5 X9	10.000	-12.000	25.000	.000	LREF 474.6100 INCHES
[C-5037]	0A1158 B62C12 D47 N28V1 Z7E56V8 R5 X9	-10.000	-12.000	25.000	.000	BREF 936.6800 INCHES
[C-5055]	0A1158 B62C12 D47 N28V1 Z7E56V8 R5 X9	10.000	.000	25.000	.000	XMRP 1076.6800 INCHES
[C-5019]	0A1158 B62C12 D47 N28V1 Z7E56V8 R5 X9	-10.000	.000	25.000	.000	YMRP .0000 INCHES
[C-5056]	0A1158 B62C12 D47 N28V1 Z7E56V8 R5 X9	10.000	.000	25.000	.000	ZMRP 375.0000 INCHES
						SCALE .04CS

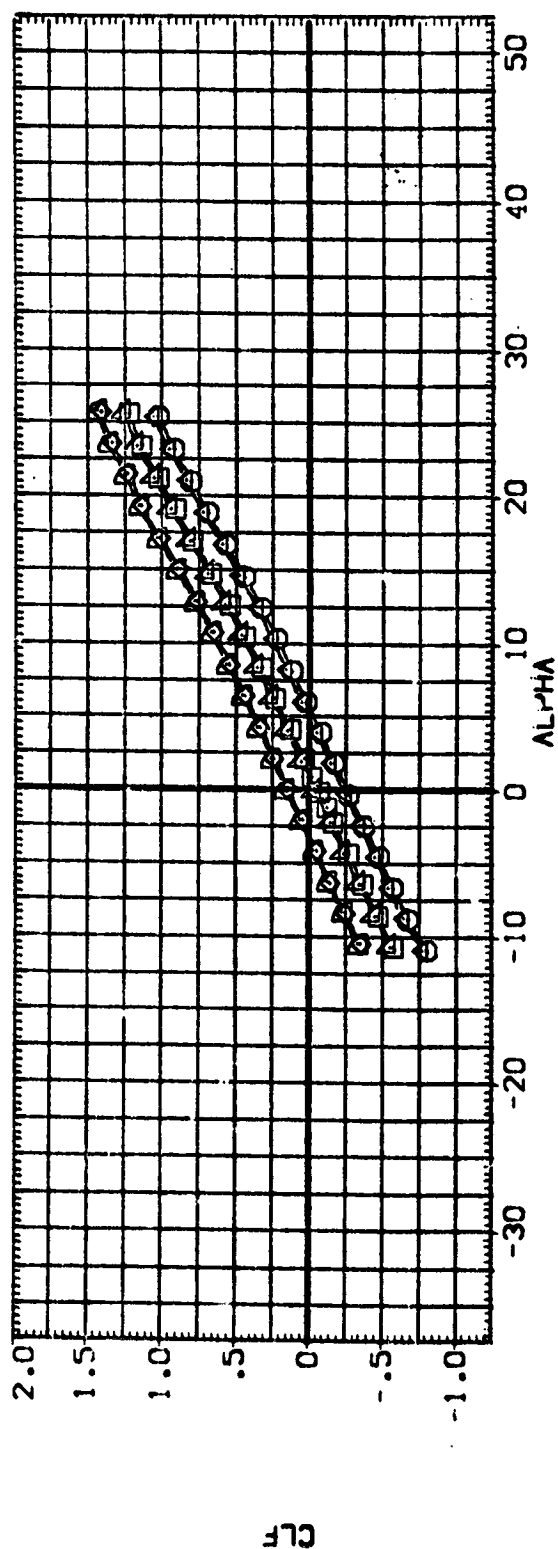
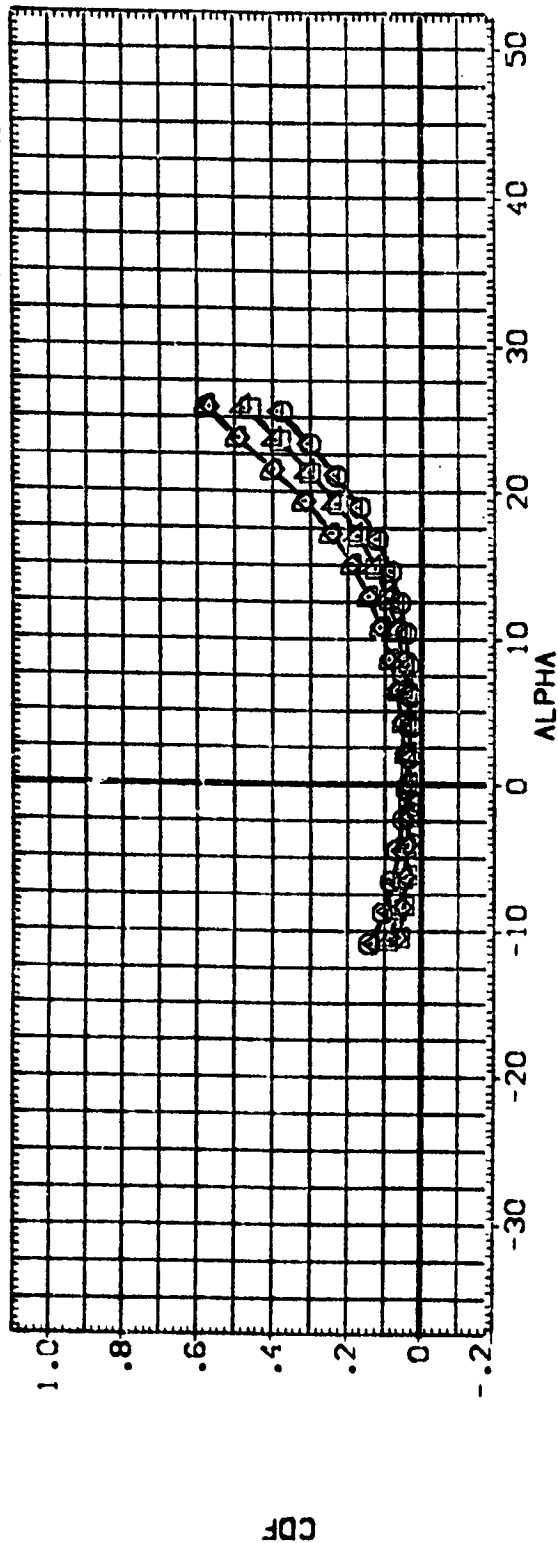


FIG 15 E56 ELEVON EFFECTIVENESS, LONG QMS (M=0.26)
(A)MACH = .26

DATA SET SYMBOL CONFIGURATION DESCRIPTION

01158	862C12	1047	N284127E56V8	R5	X9
01158	862C12	1047	N284127E56V8	R5	X9
01158	862C12	1047	N284127E56V8	R5	X9
01158	862C12	1047	N284127E56V8	R5	X9
01158	862C12	1047	N284127E56V8	R5	X9
01158	862C12	1047	N284127E56V8	R5	X9

REFERENCE INFORMATION

SREF	2690.0100	50 FT.
LREF	474.8100	INCHES
BREF	936.6800	INCHES
X1-RP	1076.6800	INCHES
YMRP	375.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.0405	SCALE

ELEVON BDF LAP SPOBRK RUDDER

-10.000	-12.000	25.000	.000
10.000	-12.000	25.000	.000
-10.000	-12.000	25.000	.000
10.000	.000	25.000	.000
10.000	.000	25.000	.000

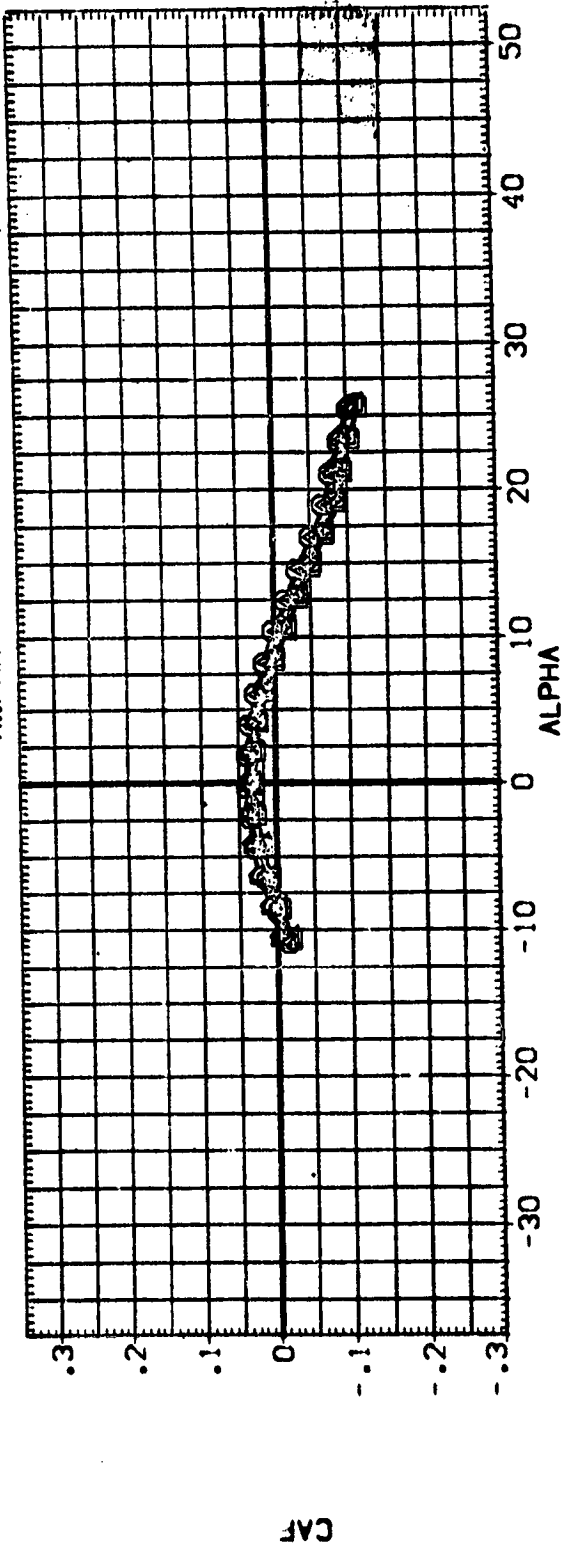
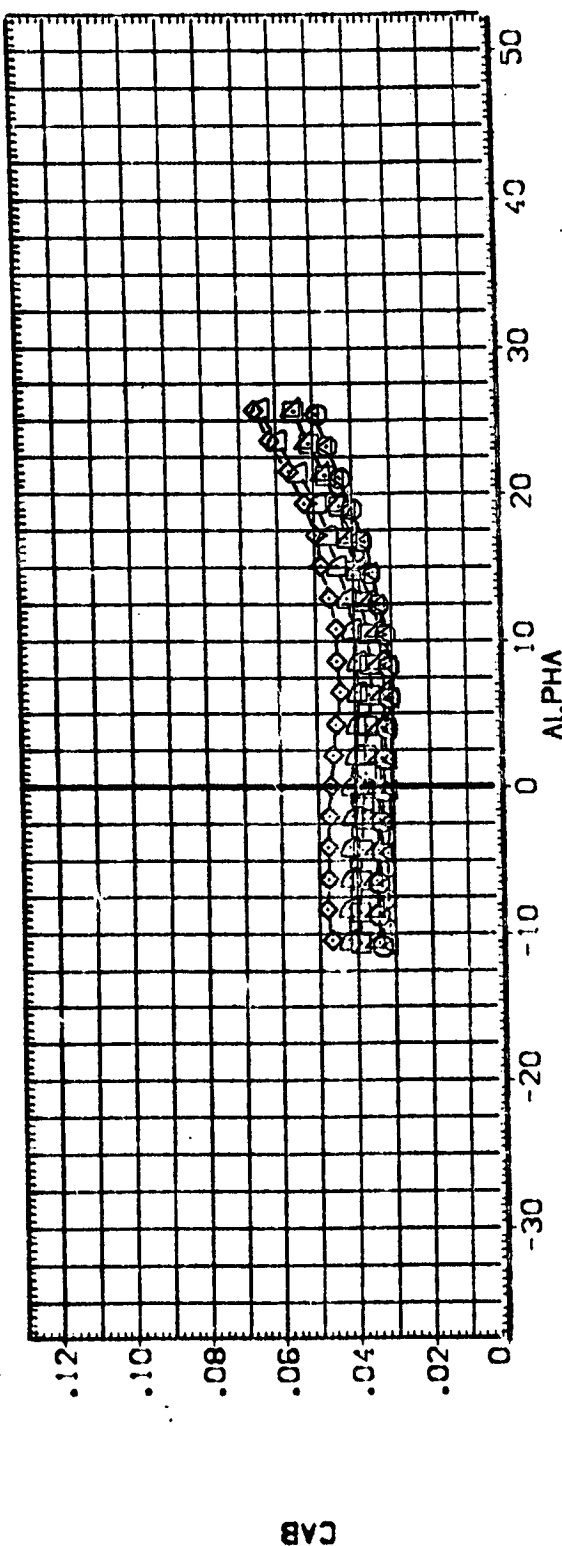


FIG 15 E56 ELEVON EFFECTIVENESS, LONG QMS (M=0.26)

(A)MACH = .26

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DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDER	REFERENCE INFORMATION
CF 9034	D	0A1199 B62C1Z 10V7 N28V127E56V8 RS X9	-10.000	-12.000	25.000	.000	SREF 2690.0100
CF 9035	X	0A1199 B62C1Z 10V7 N28V127E56V8 RS X9	.000	-12.000	25.000	.000	LREF 474.8100
CF 9036	X	0A1199 B62C1Z 10V7 N28V127E56V8 RS X9	10.000	-12.000	25.000	.000	BREF 936.8800
CF 9037	X	0A1199 B62C1Z 10V7 N28V127E56V8 RS X9	-10.000	.000	25.000	.000	KREF 1076.8800
CF 9038	X	0A1199 B62C1Z 10V7 N28V127E56V8 RS X9	10.000	.000	25.000	.000	YREF .0000
CF 9039	X	0A1199 B62C1Z 10V7 N28V127E56V8 RS X9	-10.000	.000	25.000	.000	ZREF .0000
CF 9040	X	0A1199 B62C1Z 10V7 N28V127E56V8 RS X9	10.000	.000	25.000	.000	SCALE .0405

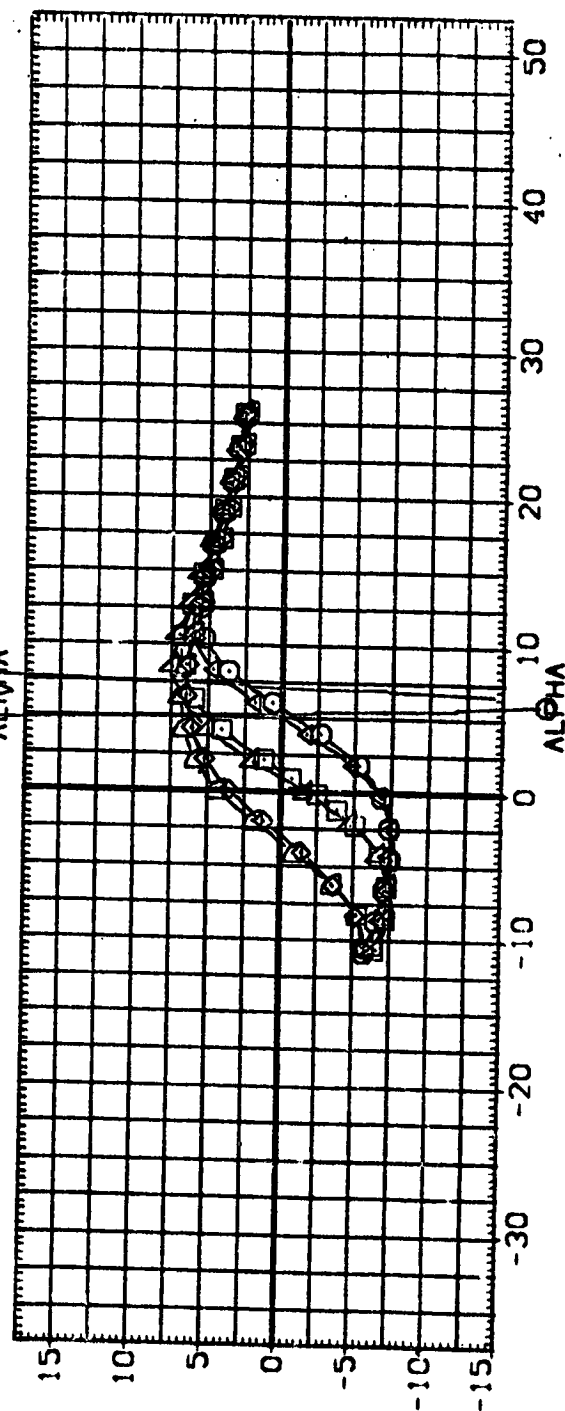
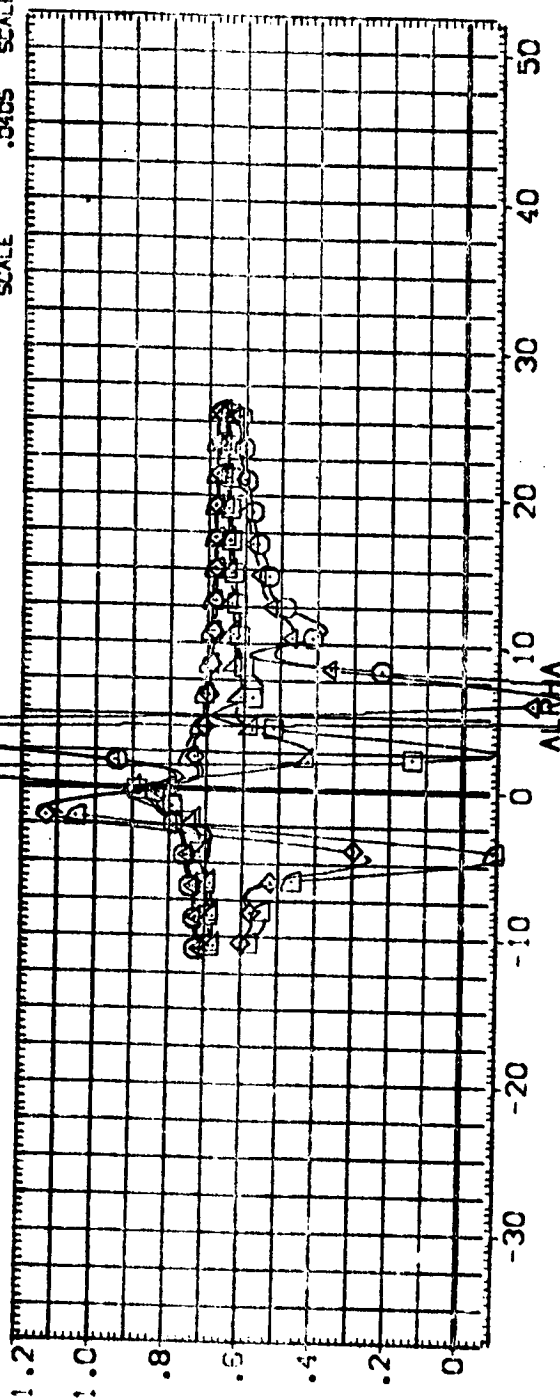


FIG 15 E56 ELEVON EFFECTIVENESS. LONG OMS (M=0.26)

(A)MACH = .26



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION	50-FT
[C9054]	Q	0A1198 B62C12F107 N28V127E56V8 RS X9	-10.000	-12.000	25.000	.000	SREF 2690.0100	INCHES
[C9018]	Q	0A1198 B62C12F107N28 V127E56V8 RS X9	.000	-12.000	25.000	.000	LREF 474.8100	INCHES
[C9027]	Q	0A1198 B62C12F107 N28V127E56V8 RS X9	10.000	-12.000	25.000	.000	BREF 936.6800	INCHES
[C9035]	Q	0A1198 B62C12F107 N28V127E56V8 RS X9	-10.000	.000	25.000	.000	XREF 1076.0000	INCHES
[C9019]	Q	0A1198 B62C12F107N28 V127E56V8 RS X9	10.000	.000	25.000	.000	YREF 375.0000	INCHES
[C9026]	Q	0A1198 B62C12F107 N28V127E56V8 RS X9	10.000	.000	25.000	.000	ZREF	SCALE

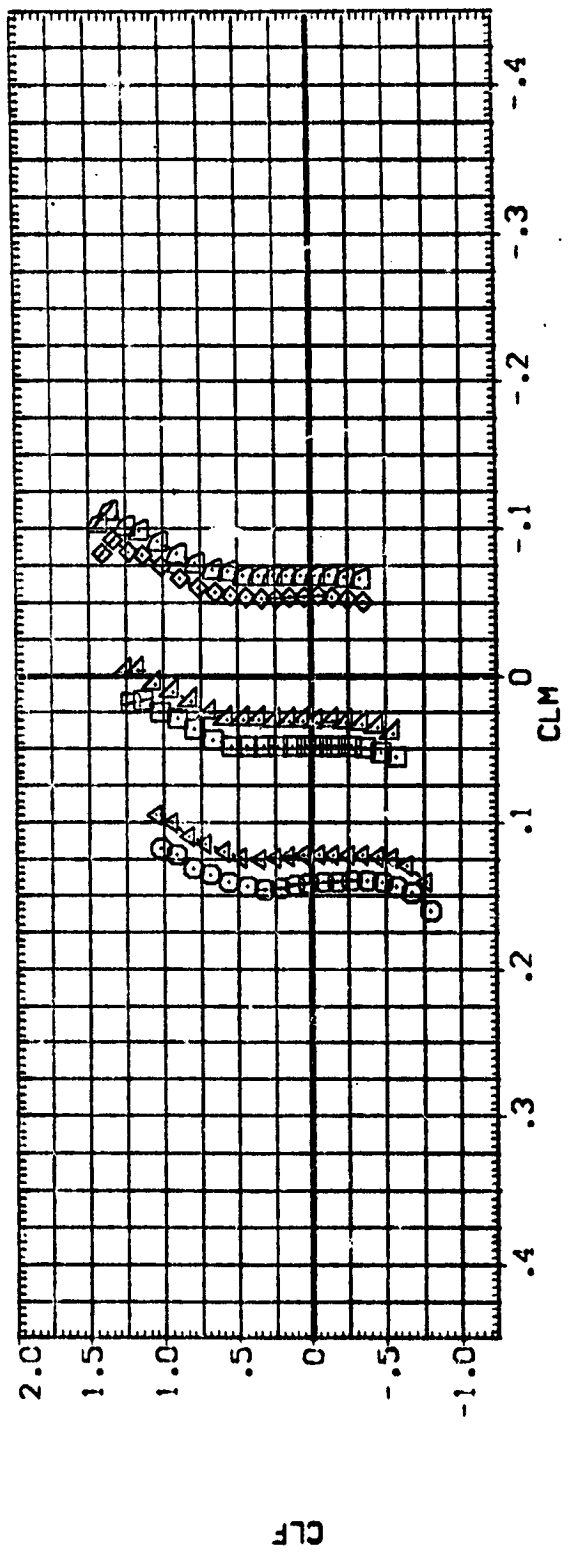
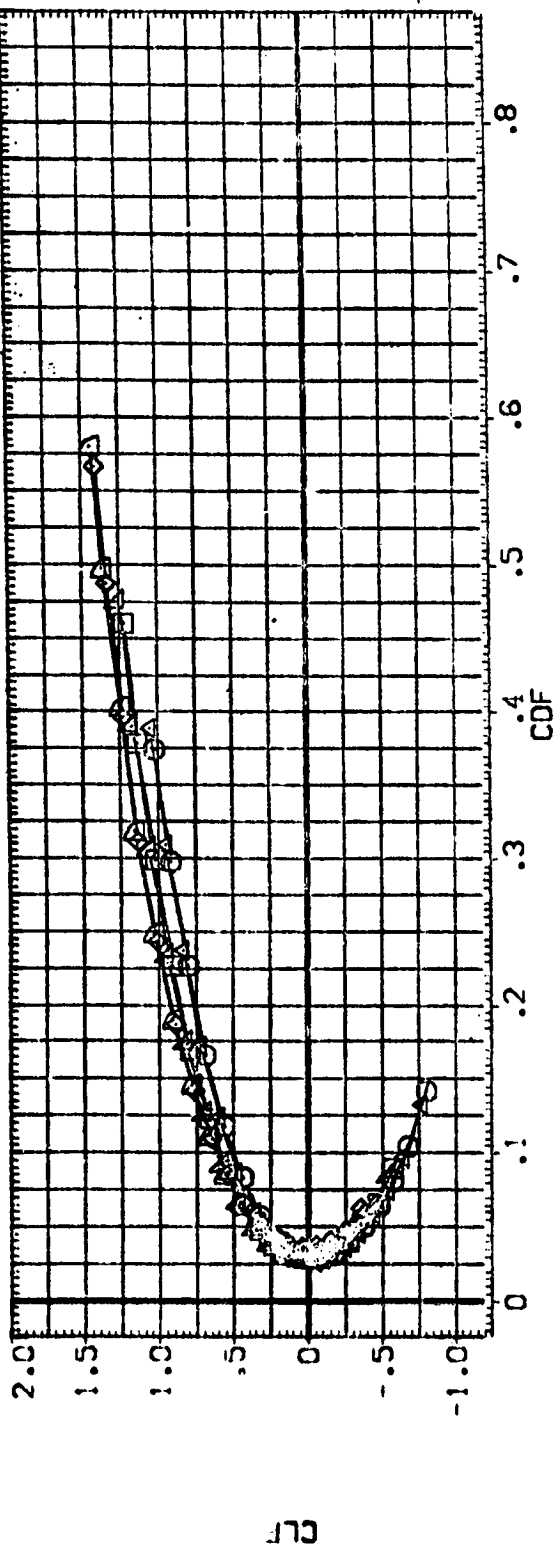


FIG 15 E56 ELEVON EFFECTIVENESS, LONG QMS (M=0.26)

(A)MACH = .26

DATA SET SYMBO.	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPOBRK	RJDDER	REFERENCE INFORMATION
[C9]124)	0A1193 862C12 0M16N28V127E55V8 R5 X9	.000	-12.000	25.000	.000	SREF 2690.0100
[C9]129)	0A1193 862C12 0M16N28V127E55V8 R5 X9	5.000	-12.000	25.000	.000	LREF 474.8100
[C9]132)	0A1193 862C12 0M16N28V127E55V8 R5 X9	10.000	-12.000	25.000	.000	BREF 923.8800
[C9]135)	0A1193 862C12 0M16N28V127E55V8 R5 X9	5.000	.000	25.000	.000	XMRP 1076.6800
[C9]138)	0A1193 862C12 0M16N28V127E55V8 R5 X9	10.000	.000	25.000	.000	YMRP 375.0000
[C9]141)	0A1193 862C12 0M16N28V127E55V8 R5 X9					SCALE .0405

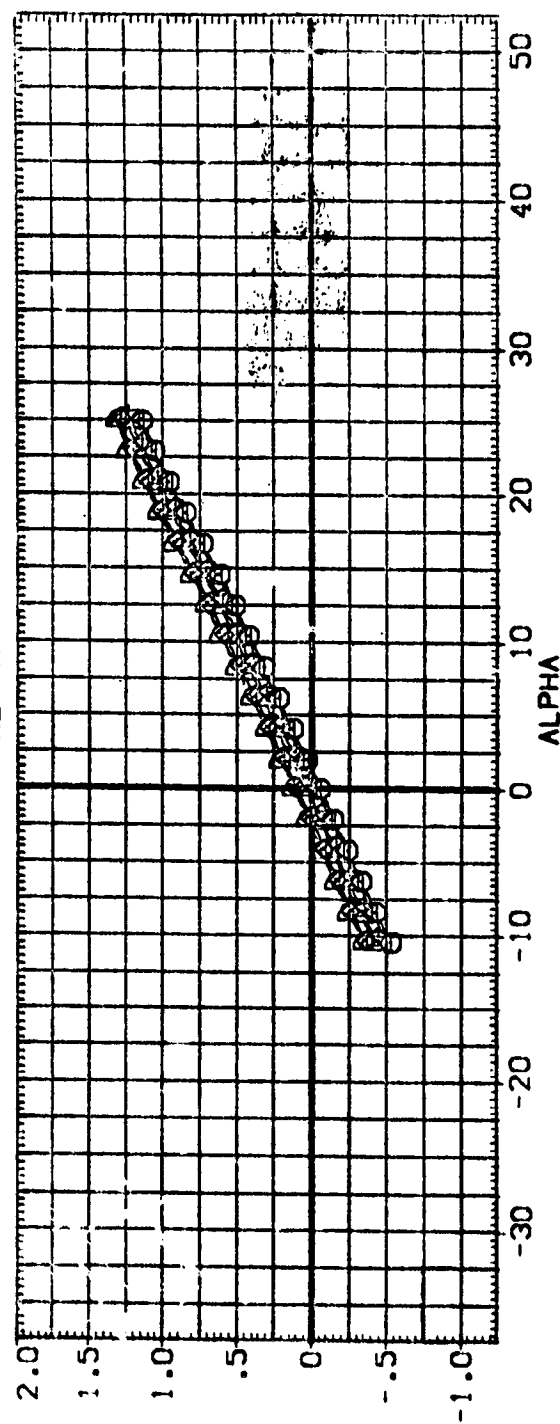
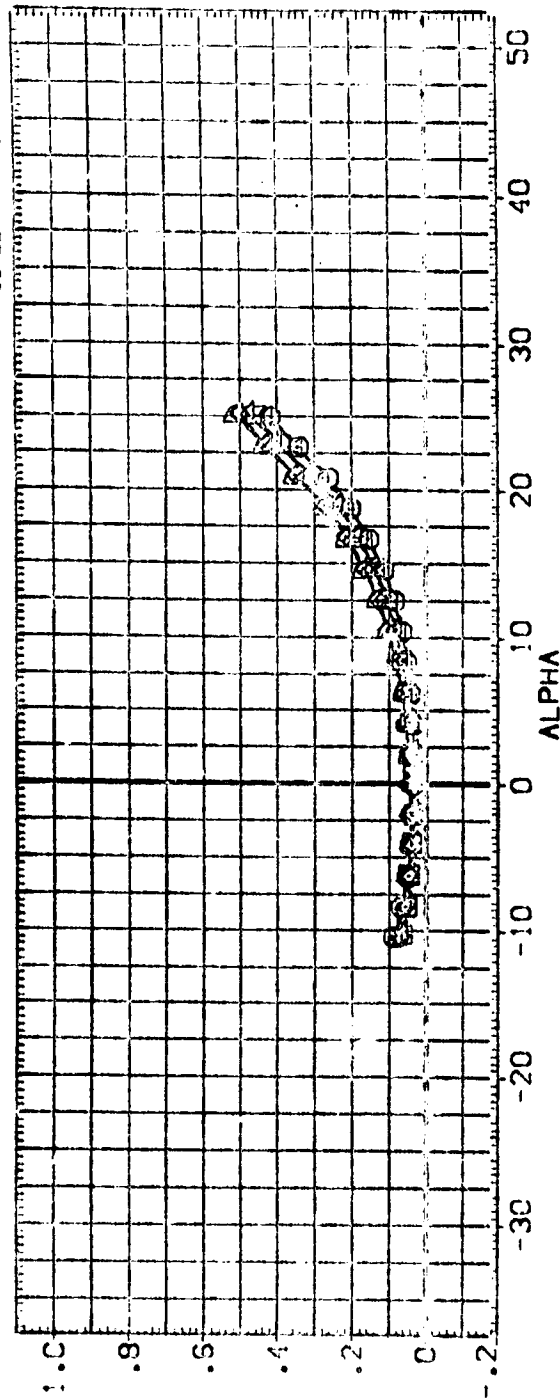


FIG 16 E55 ELEVON EFFECTIVENESS, SHORT OMS (M=0.20)

(A)MACH = .20

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
0A1199	862C1210M16N28V127E55V8 R5 X9	.000	-12.000	25.000	.000	SREF 2690.0100 SQ.FT.
0A1199	862C1210M16N28V127E55V8 R5 X9	5.000	-12.000	25.000	.000	LREF 474.8100 LG.FT.
0A1199	862C1210M16N28V127E55V8 R5 X9	10.000	-12.000	25.000	.000	BREF 936.5800 LG.FT.
0A1199	862C1210M16N28V127E55V8 R5 X9	.000	.000	25.000	.000	XREF 1076.8800 LG.FT.
0A1199	862C1210M16N28V127E55V8 R5 X9	5.000	.000	25.000	.000	YREF 375.0000 LG.FT.
0A1199	862C1210M16N28V127E55V8 R5 X9	10.000	.000	25.000	.000	ZREF 375.0000 LG.FT.
0A1199	862C1210M16N28V127E55V8 R5 X9					SCALE

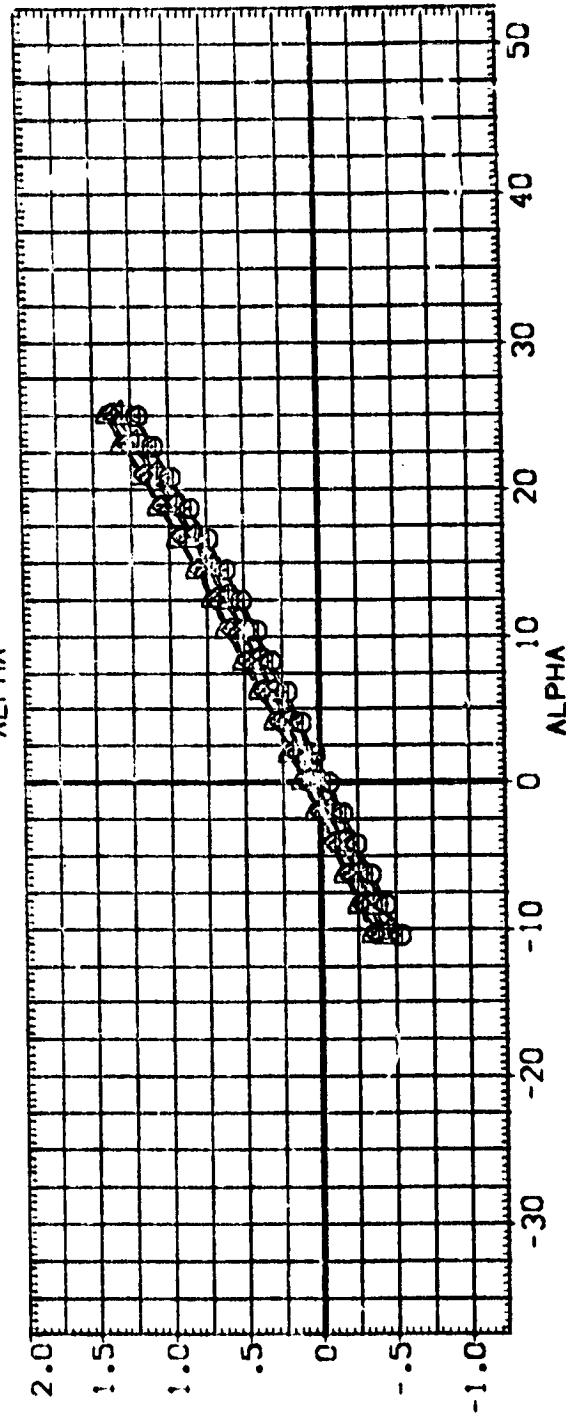
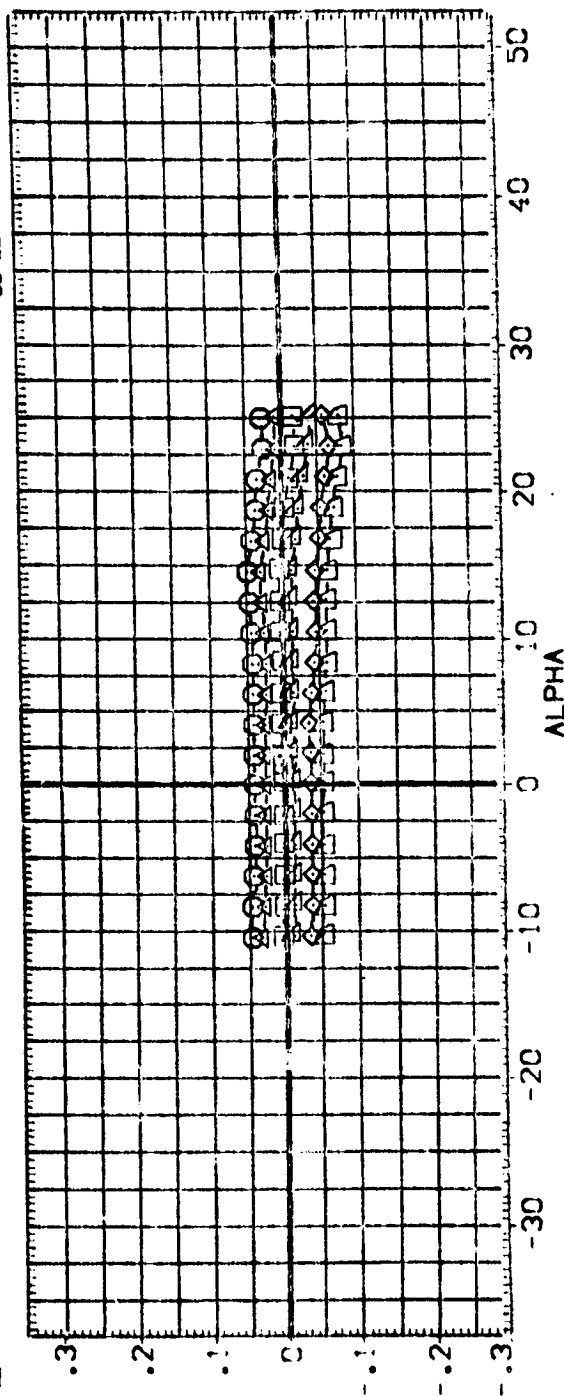


FIG 16 E55 ELEVON EFFECTIVENESS, SHORT OMS (M=0.20)

(A)MACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[CF9124]	0A1199 862C12F10M16A28M127E55V8 R5 X9	.000	-12.000	25.000	.000	CREP 2690.0100 50.00
[CF9125]	0A1199 862C12F10M16A28M127E55V8 R5 X9	5.000	-12.000	25.000	.000	LINEF 174.8100 20.00
[CF9126]	0A1199 862C12F10M16A28M127E55V8 R5 X9	10.000	-12.000	25.000	.000	BREF 936.6800 20.00
[CF9127]	0A1199 862C12F10M16A28M127E55V8 R5 X9	.000	.000	25.000	.000	1-APP 1076.8800 20.00
[CF9128]	0A1199 862C12F10M16A28M127E55V8 R5 X9	5.000	.000	25.000	.000	2-APP 375.0000 20.00
[CF9129]	0A1199 862C12F10M16A28M127E55V8 R5 X9	10.000	.000	25.000	.000	SCALE 2405 20.00

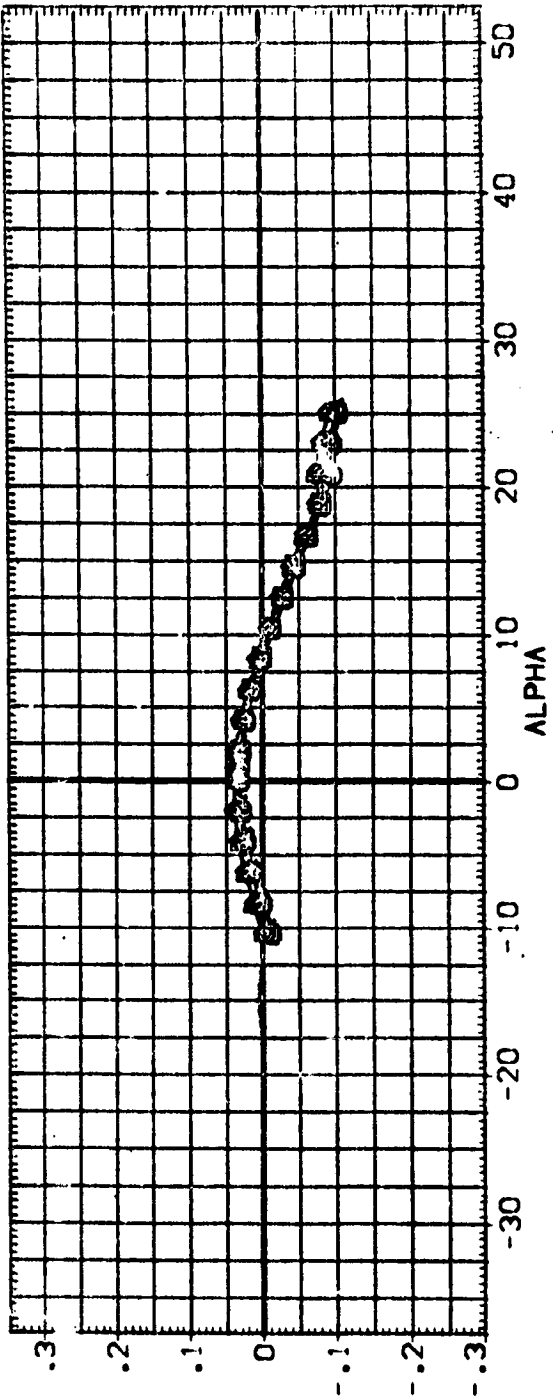
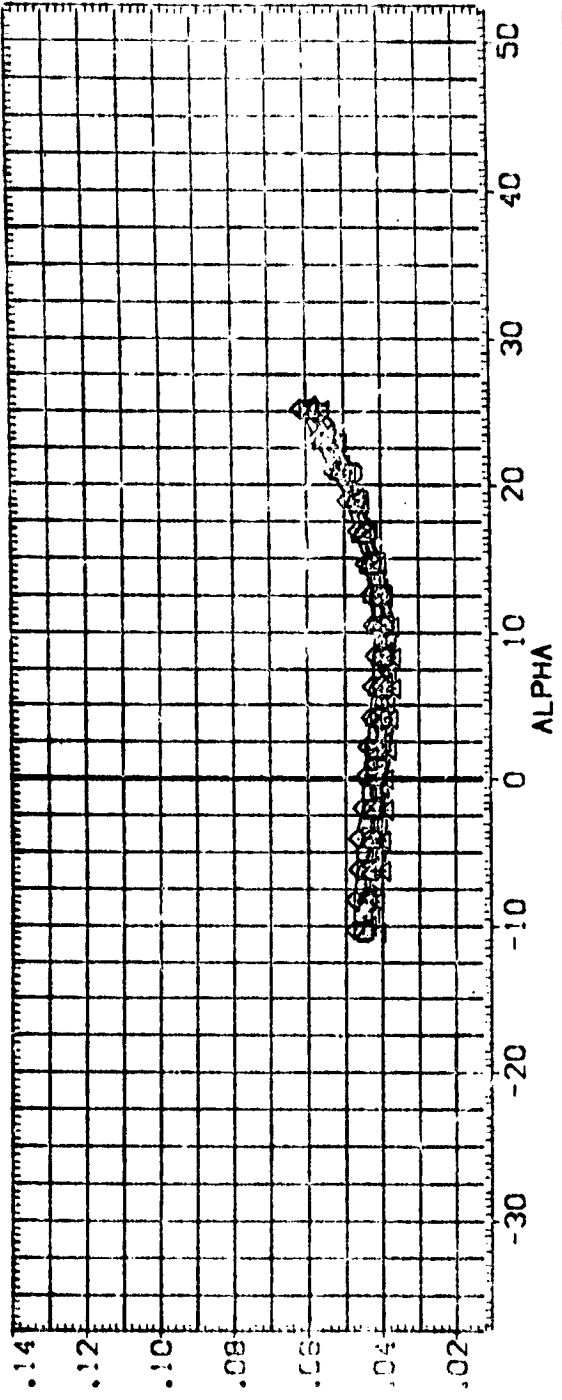


FIG 16 E55 ELEVON EFFECTIVENESS, SHORT OMS (M=0.20)

CALMACH = .20



DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	REFERENCE INFORMATION
01199	862C12F10M16N28M127E55V8 R5 X9	SREF 2690.0100 SO.FT. 5
01199	862C12F10M16N28M127E55V8 R5 X9	LREF 474.8100 NCES
01199	862C12F10M16N28M127E55V8 R5 X9	BREF 936.8800 NCES
01199	862C12F10M16N28M127E55V8 R5 X9	YMRP 1076.8800 NCES
01199	862C12F10M16N28M127E55V8 R5 X9	ZMRP 375.0000 NCES
01199	862C12F10M16N28M127E55V8 R5 X9	SCALE .0405 SCALE

ELEVON BDF LAP SPOBRK RUDDER

ELEVON	BDF LAP	SPOBRK	RUDDER
.000	-12.000	25.000	.000
5.000	-12.000	25.000	.000
10.000	-12.000	25.000	.000
5.000	.000	25.000	.000
10.000	.000	25.000	.000

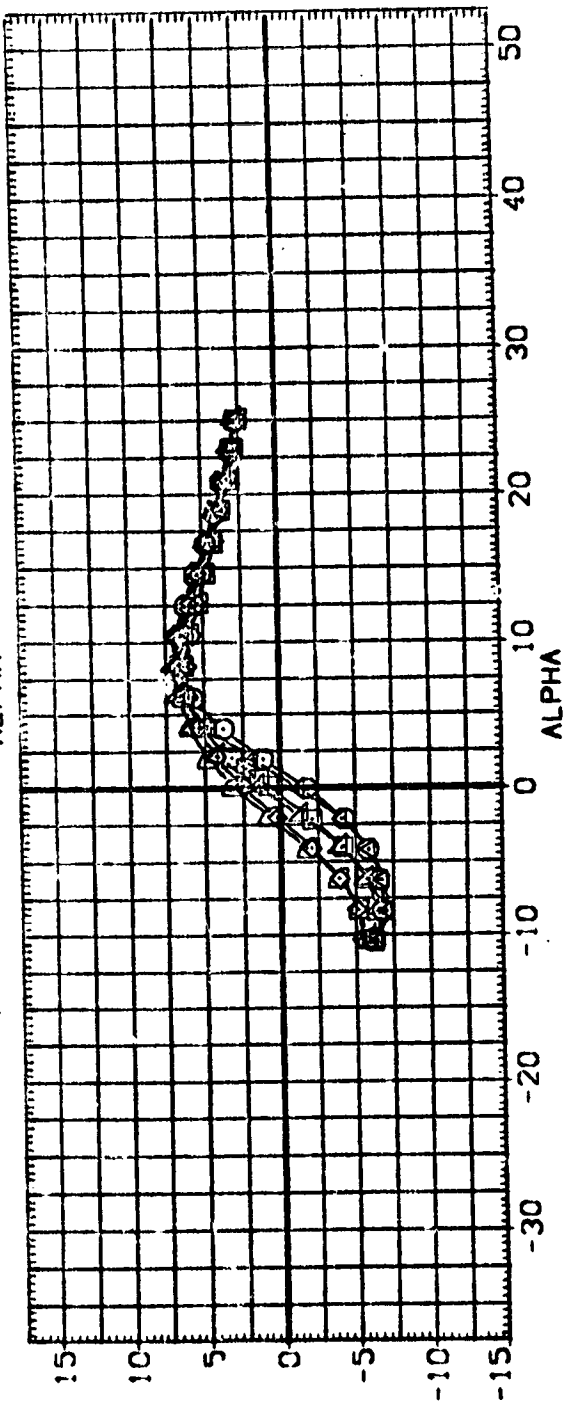
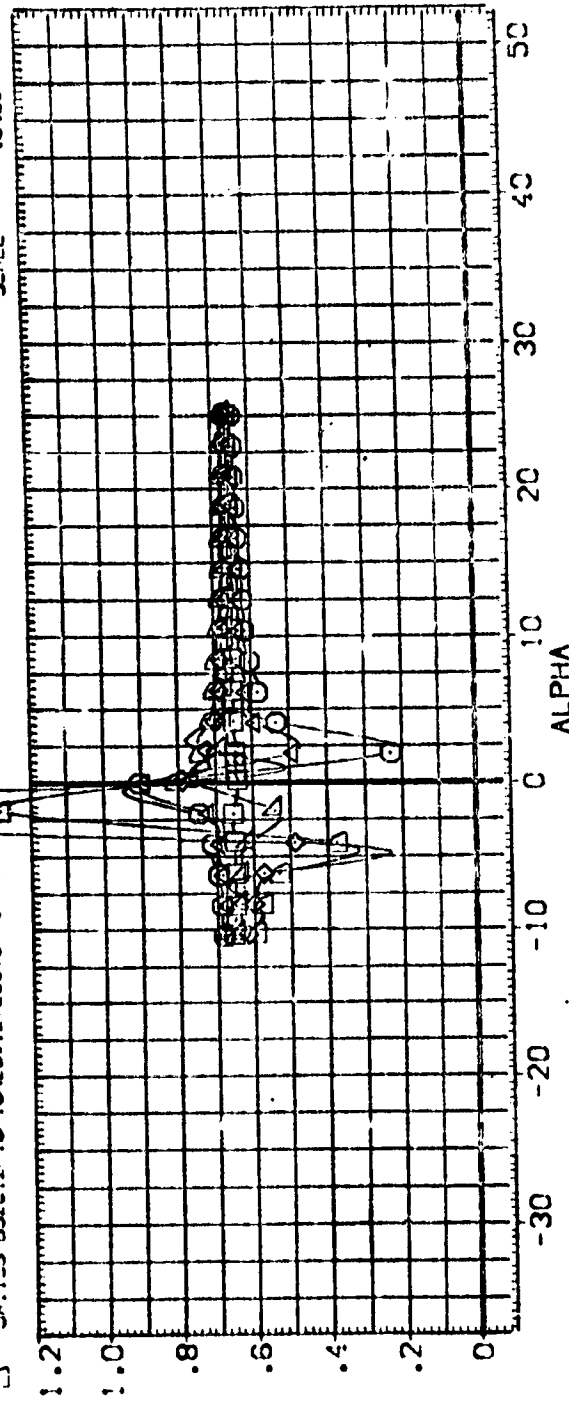


FIG 16 E55 ELEVON EFFECTIVENESS, SHORT QMS (M=0.20)

(A)MACH = .20

SECRET

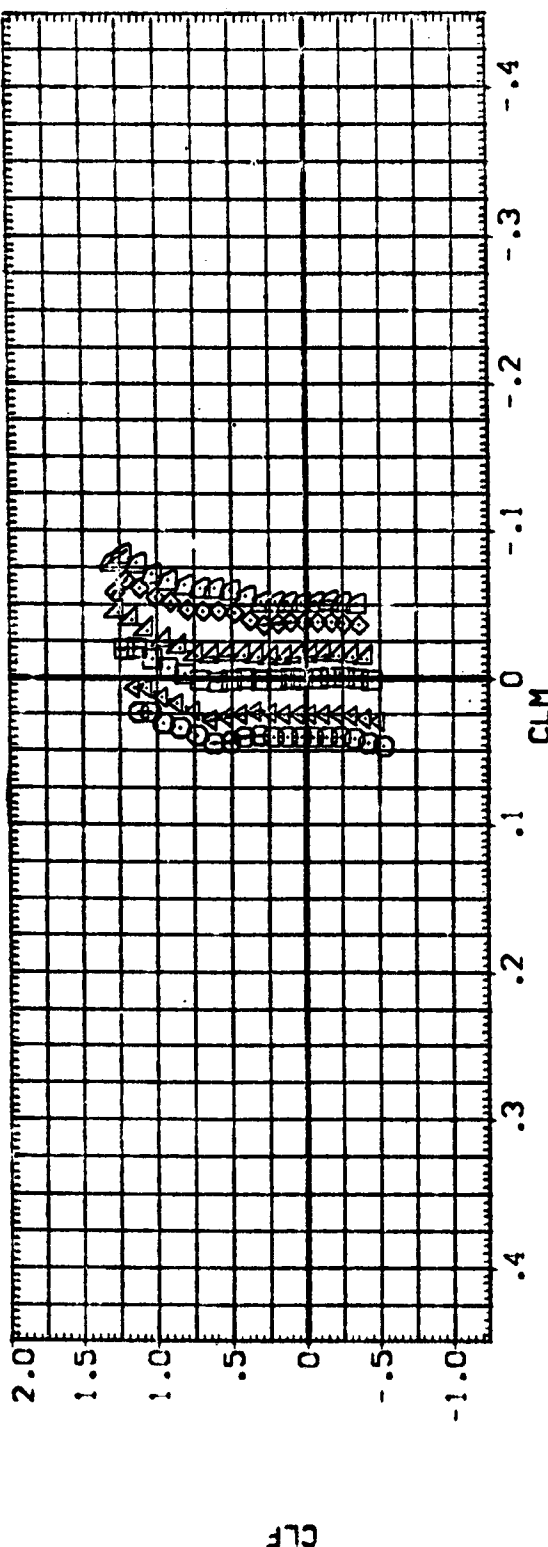
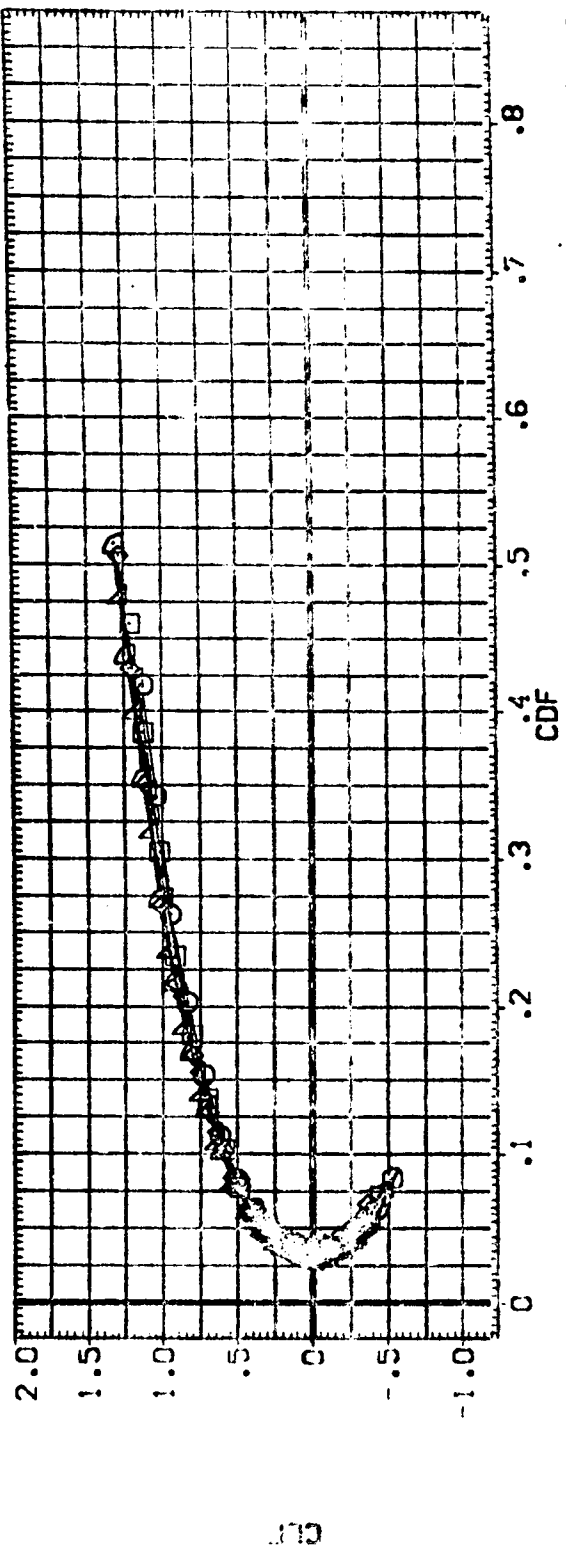


FIG 16 E55 ELEVEN EFFECTIVENESS, SHORT OMS (N=0.20)

$$C_{AJMACH} = .20$$


DATA SET SYMBOL
 [59:24]
 [59:25]
 [59:32]
 [59:33]
 [59:30]
 [59:31]

CONFIGURATION DESCRIPTION

0A1193 862C 2F 0A16A28V1 27E55V8 R5 X9
 0A1193 862C 2F 0A16A28V1 27E55V8 R5 X9
 0A1193 862C 2F 0A16A28V1 27E55V8 R5 X9
 0A1193 862C 2F 0A16A28V1 27E55V8 R5 X9
 0A1193 862C 2F 0A16A28V1 27E55V8 R5 X9

ELEVON BDF LAP SPOBRK RUDDER
 .000 -12.000 25.000 .000
 5.000 -12.000 25.000 .000
 10.000 -12.000 25.000 .000
 .000 .000 25.000 .000
 5.000 .000 25.000 .000
 10.000 .000 25.000 .000

REFERENCE INFORMATION
 SREF 2690.0100 SO.FT
 LREF 474.8100 INCHES
 BREF 936.6800 INCHES
 XMRP 1076.0000 INCHES
 YMRP .0000 INCHES
 ZMRP 375.0000 INCHES
 SCALE .0405 SCALE

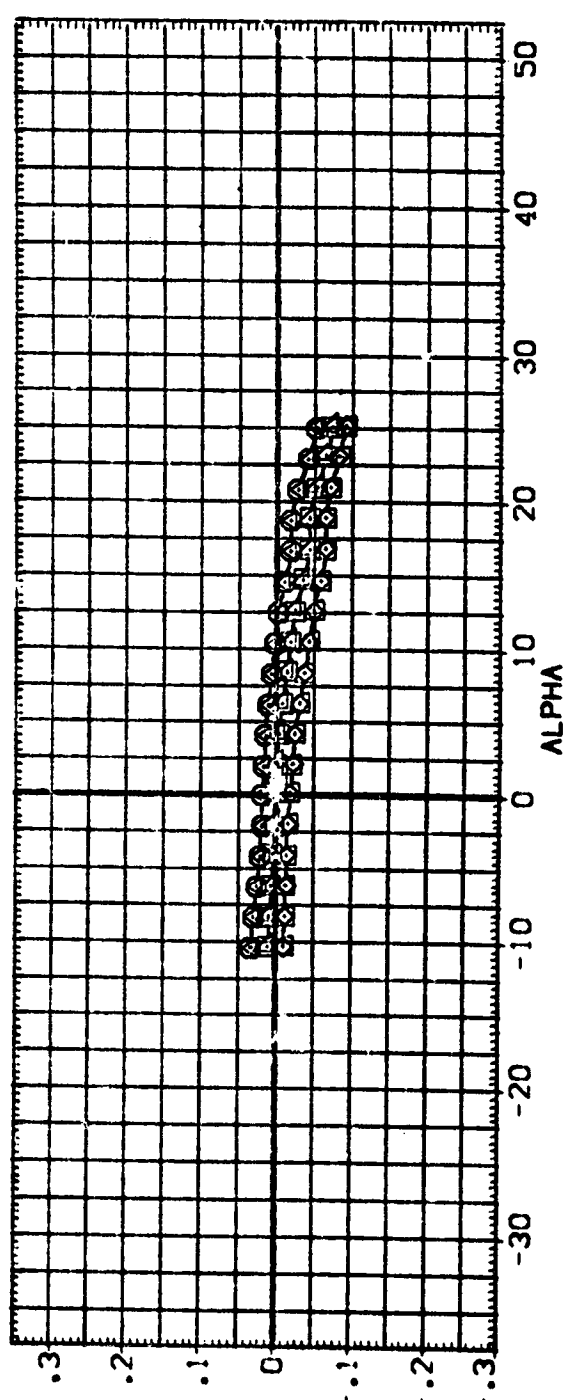
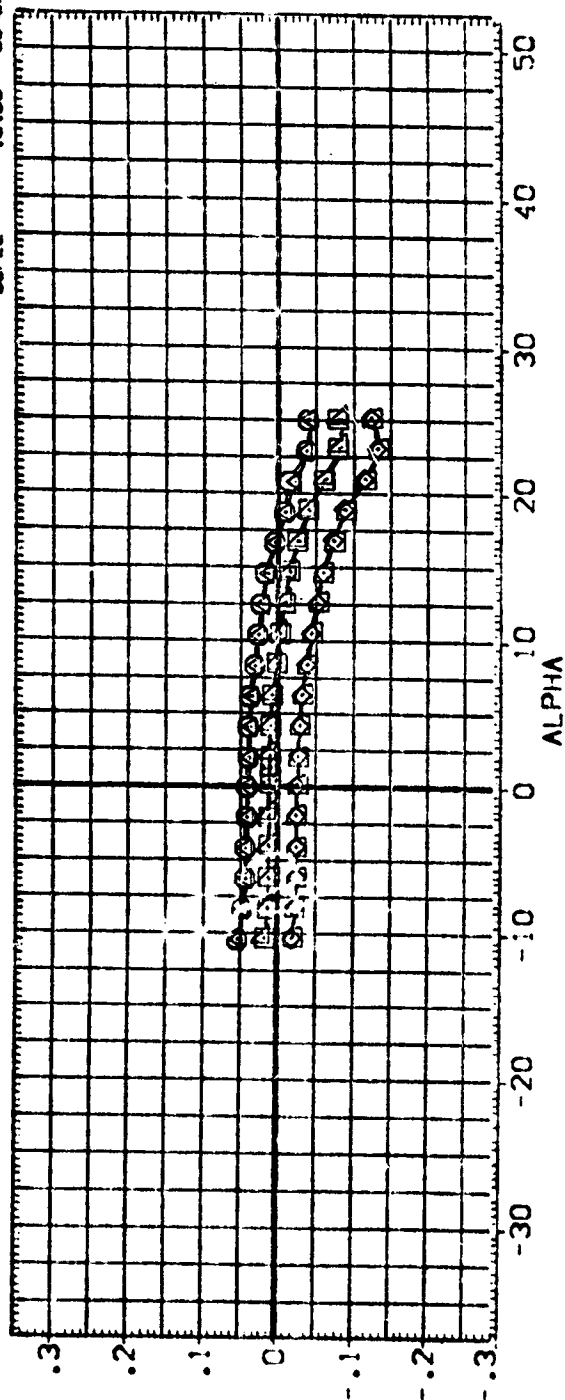


FIG 16 E55 ELEVON EFFECTIVENESS, SHORT QMS (M=0.20)

(A) MACH = .20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPUDBK	RUDDER	REFERENCE INFORMATION
(CF9124)	Q	0A1198 B62C12F 10M16N28V127E55V8 R5 X9	.000	-12.000	25.000	.000	SREF 2690.0100 SQ.FT. 50
(CF9137)	X	0A1198 B62C12F 10M16N28V127E55V8 R5 X9	15.000	-12.000	25.000	.000	LREF 474.8100 INCHES 5
(CF9140)	X	0A1198 B62C12F 10M16N28V127E55V8 R5 X9	20.000	-12.000	25.000	.000	BREF 936.6800 INCHES 5
(CF9112)	X	0A1198 B62C12F 10M16N28V127E55V8 R5 X9	.000	.000	25.000	.000	XREF 1076.6800 INCHES 5
(CF9138)	X	0A1198 B62C12F 10M16N28V127E55V8 R5 X9	15.000	.000	25.000	.000	YREF .0000 INCHES 5
(CF9139)	X	0A1198 B62C12F 10M16N28V127E55V8 R5 X9	20.000	.000	25.000	.000	ZREF 375.0000 INCHES 5
							SCALE .0405

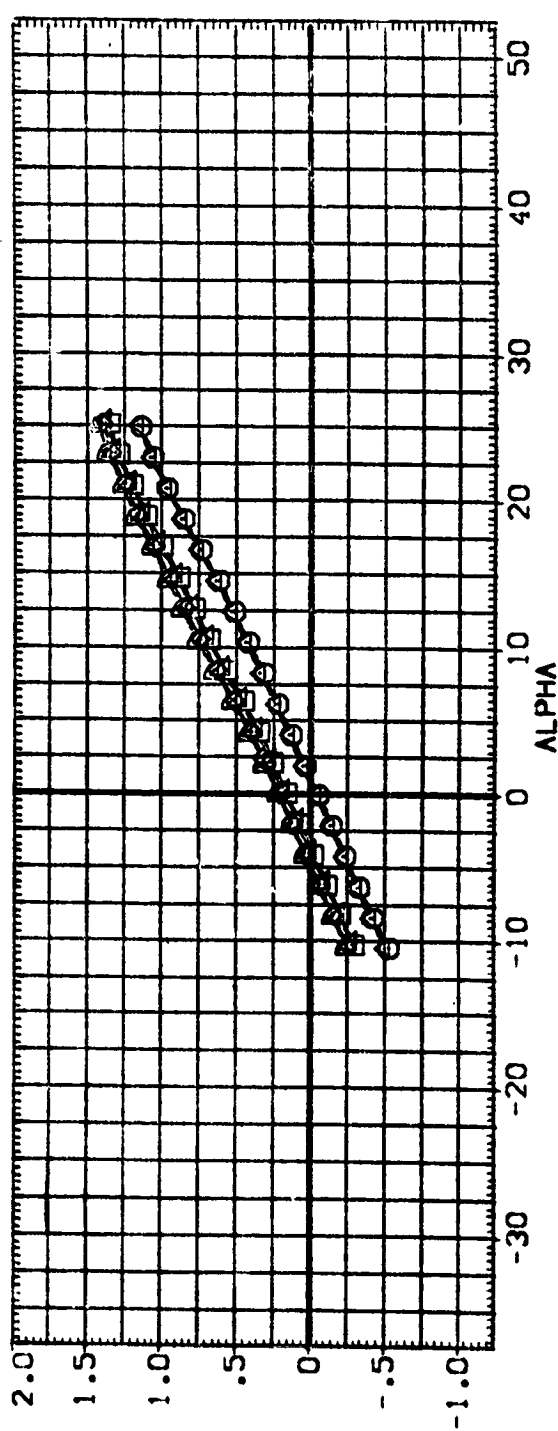
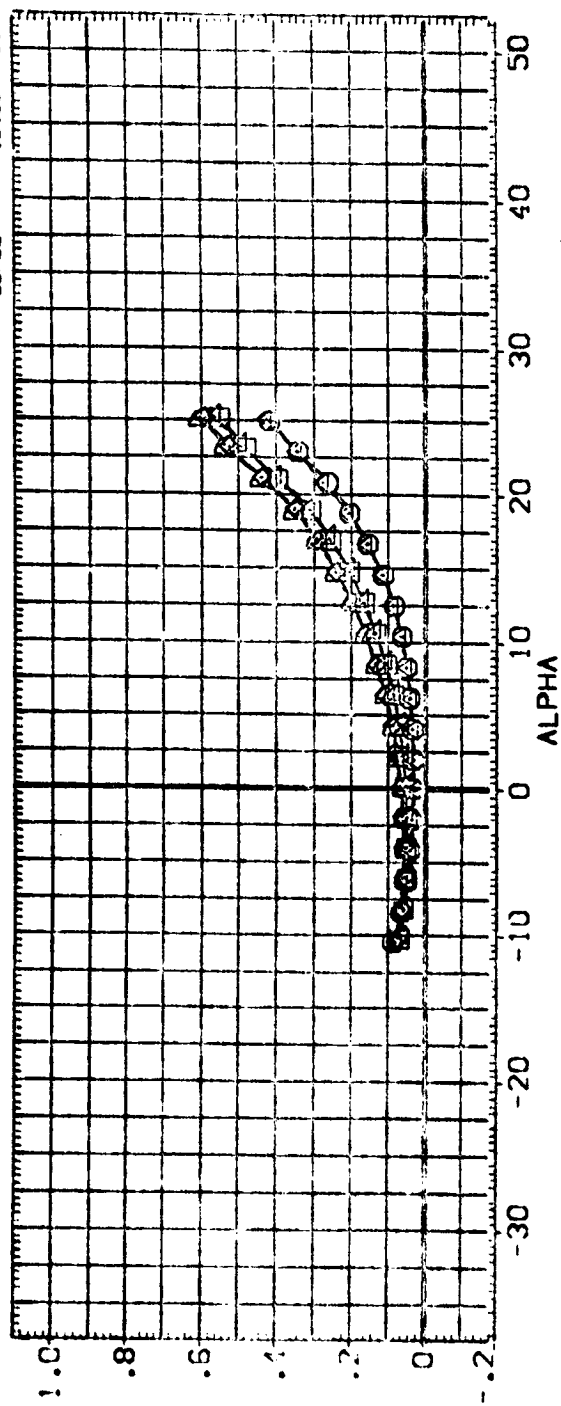


FIG 17 E55 ELEVON EFFECTIVENESS. SHORT QMS (M=0.20)

(A)MACH = .20



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDF LAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[CF9124]	DA1193 B62C 2F 10M16X28W127E55V8 RS X9	.000	-12.000	25.000	.000	SREF 2690.0100 50.FT.
[CF9137]	DA1193 B62C 2F 10M16X28W127E55V8 RS X9	15.000	-12.000	25.000	.000	LREF 474.8100 INCHES
[CF9140]	DA1193 B62C 2F 10M16X28W127E55V8 RS X9	20.000	-12.000	25.000	.000	BREF 936.8600 INCHES
[CF9112]	CA1193 B62C 2F 10M16X28W127E55V8 RS X9	.000	.000	25.000	.000	XMRP 1076.0000 INCHES
[CF9139]	CA1193 B62C 2F 10M16X28W127E55V8 RS X9	15.000	.000	25.000	.000	YMRP 375.0000 INCHES
[CF9139]	CA1193 B62C 2F 10M16X28W127E55V8 RS X9	20.000	.000	25.000	.000	ZMRP 375.0000 INCHES
						SCALE .0405

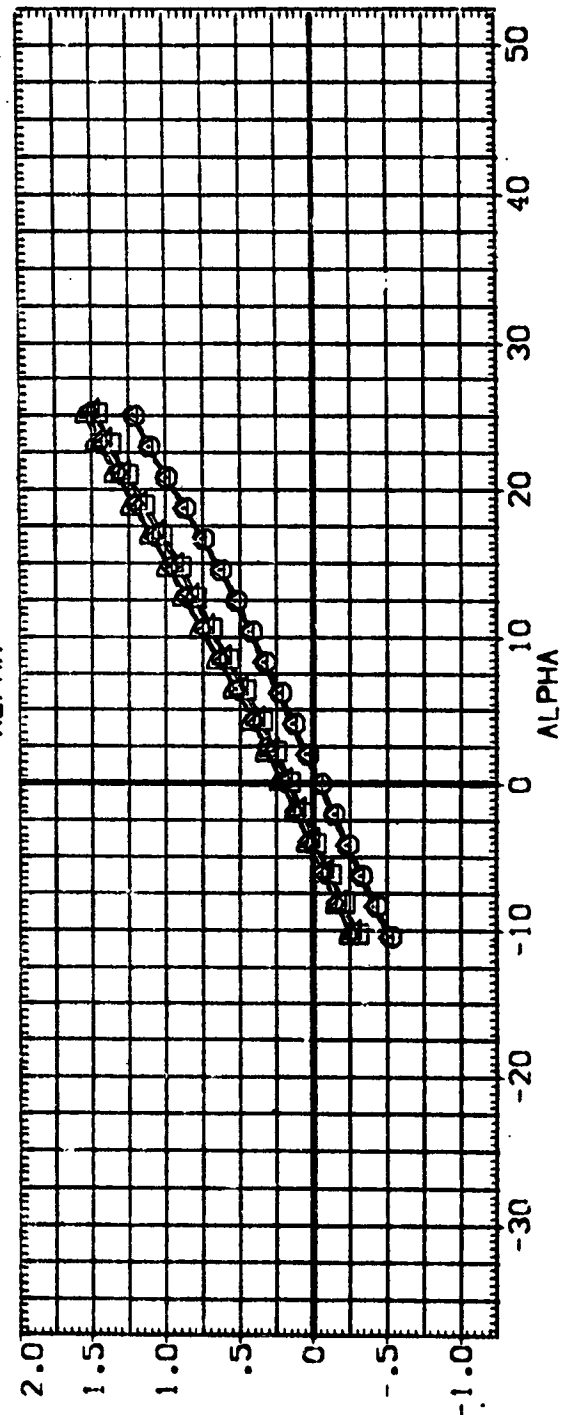
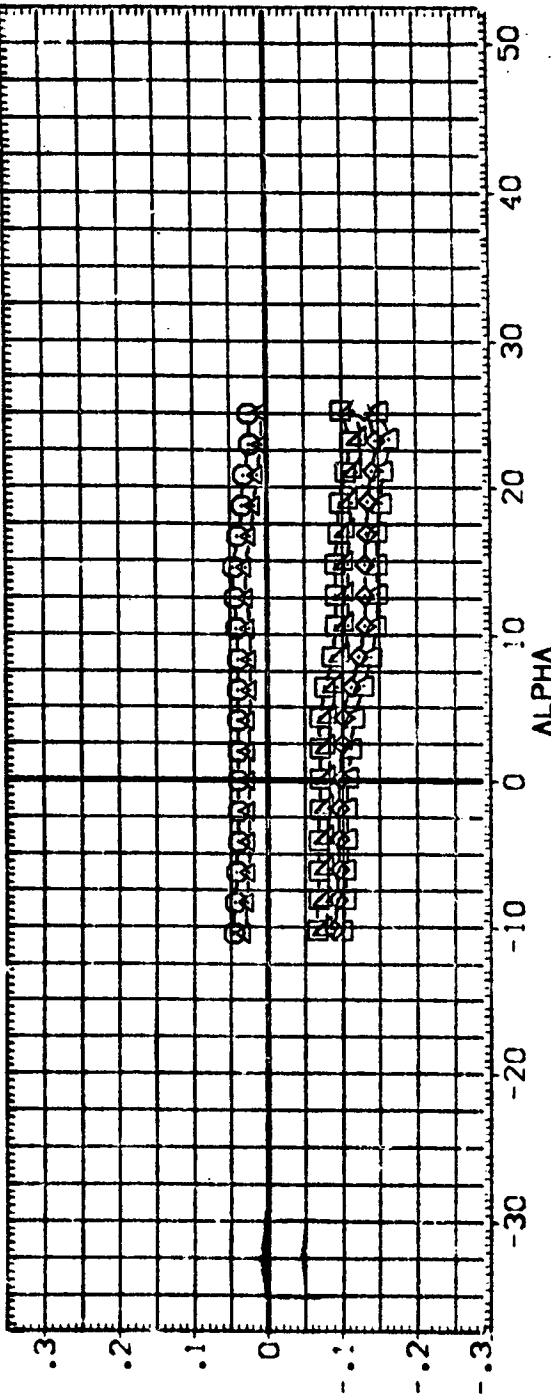


FIG 17 E55 ELEVON EFFECTIVENESS, SHORT QMS (M=0.20)

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION	50 FT
[C9:24]	01198	B62C12F 0116N28V127E55V8 R5 X9	.000	-12.000	25.000	.000	SREF 2690.0100	INCHES
[C9:37]	01198	B62C12F 0116N28V127E55V8 R5 X9	15.000	-12.000	25.000	.000	LREF 474.8100	INCHES
[C9:40]	01198	B62C12F 0116N28V127E55V8 R5 X9	20.000	-12.000	25.000	.000	BRF 936.6800	INCHES
[C9:12]	01198	B62C12F 0116N28V127E55V8 R5 X9	.000	.000	25.000	.000	YMRP 1076.6800	INCHES
[C9:38]	01198	B62C12F 0116N28V127E55V8 R5 X9	15.000	.000	25.000	.000	ZMRP .0000	INCHES
[C9:39]	01198	B62C12F 0116N28V127E55V8 R5 X9	20.000	.000	25.000	.000	SCALE .0405	SCALE

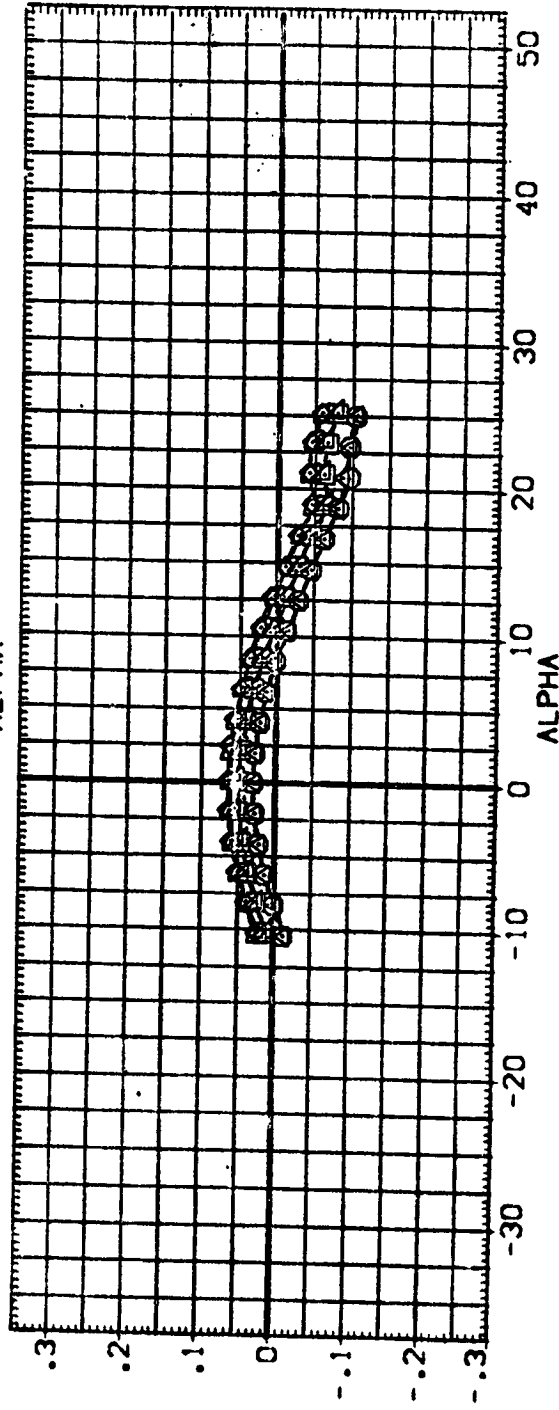
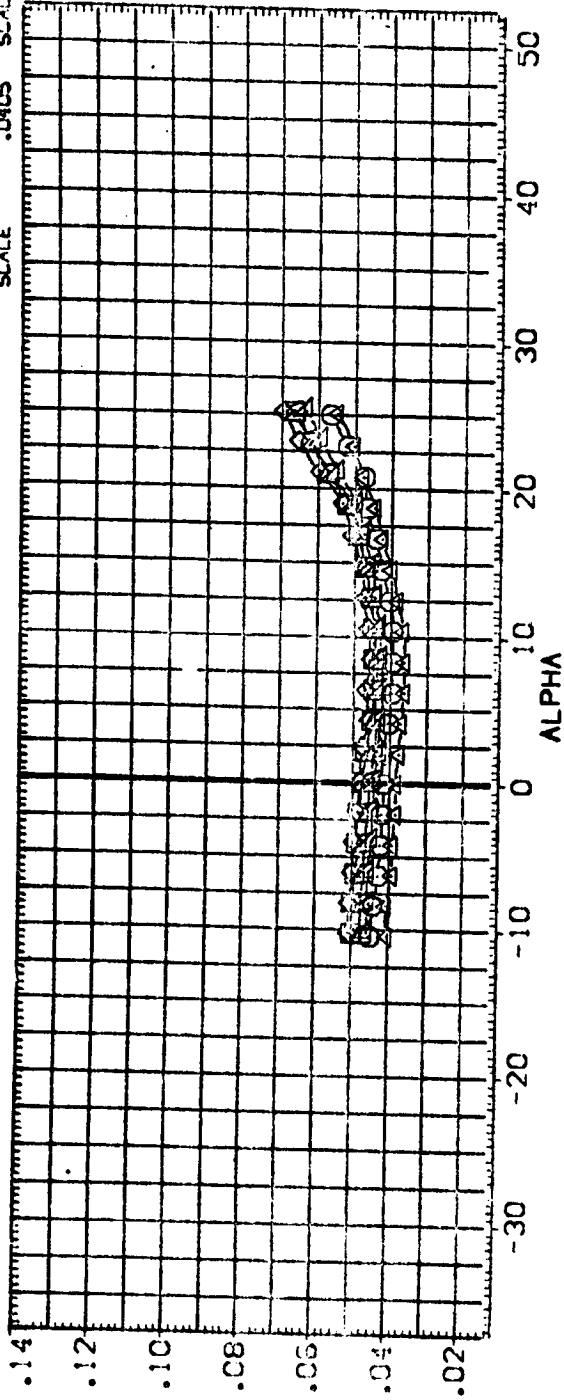


FIG 17 E55 ELEVON EFFECTIVENESS, SHORT QMS (M=0.20)

(A)MACH = .20



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RJDDER	REFERENCE INFORMATION
[C9]24	0A1198 862C12 0M16N28V17E55V8 RS X9	.000	-12.000	25.000	.000	SREF 2690.0100 50.FT.
[C9]37	0A1199 862C12 0M16N28V17E55V8 RS X9	15.000	-12.000	25.000	.000	LREF 474.8100 INCHES
[C9]40	0A1199 862C12 0M16N28V17E55V8 RS X9	20.000	-12.000	25.000	.000	BREF 936.8800 INCHES
[C9]12	0A1198 862C12 0M16N28V17E55V8 RS X9	.000	.000	25.000	.000	XMRP 1076.0000 INCHES
[C9]38	0A1198 862C12 0M16N28V17E55V8 RS X9	15.000	.000	25.000	.000	YMRP 375.0000 INCHES
[C9]39	0A1199 862C12 0M16N28V17E55V8 RS X9	20.000	.000	25.000	.000	ZMRP .0405 SCALE

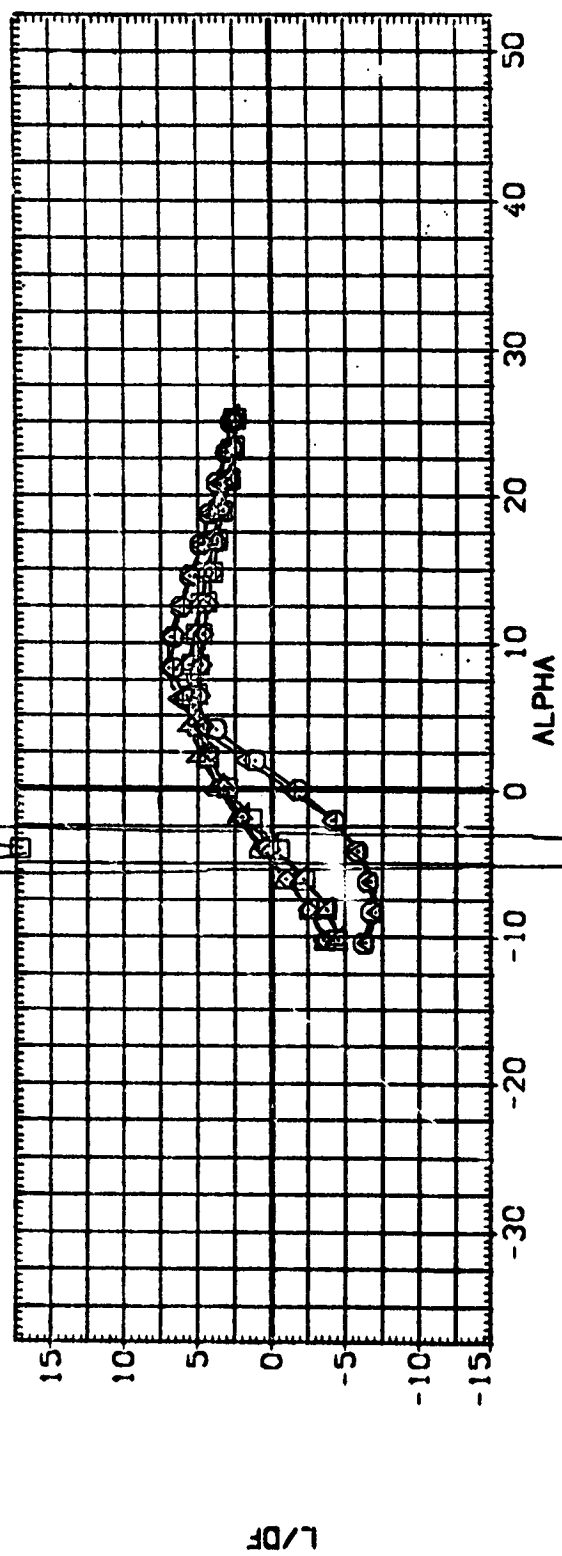
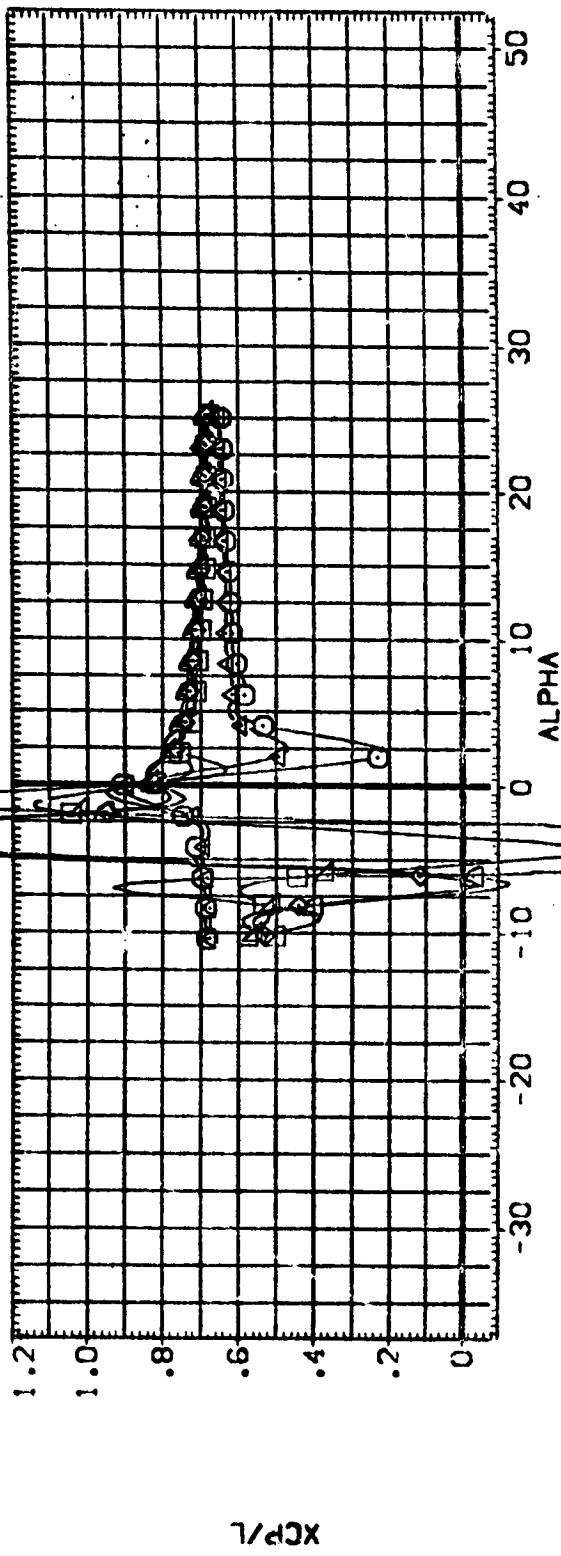


FIG 17 E55 ELEVON EFFECTIVENESS, SHORT OMS (M=0.20)

[A]MACH = .20

DATA SET SYMBOL	CONF	SURVIVAL DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SCALE
[C9:24]	0	01:6A:28:17E:55V:8 RS X9	0.000	-12.000	25.000	.000	SREF	2690.0100
[C9:37]	0	01:6A:28:17E:55V:8 RS X9	15.000	-12.000	25.000	.000	LREF	474.8100
[C9:40]	0	01:6A:28:17E:55V:8 RS X9	20.000	-12.000	25.000	.000	BREF	936.8800
[C9:12]	0	01:6A:28:17E:55V:8 RS X9	15.000	.000	25.000	.000	XMRP	1076.0000
[C9:38]	0	01:6A:28:17E:55V:8 RS X9	20.000	.000	25.000	.000	ZMRP	375.0000
[C9:39]	0	01:6A:28:17E:55V:8 RS X9					SCALE	.0405

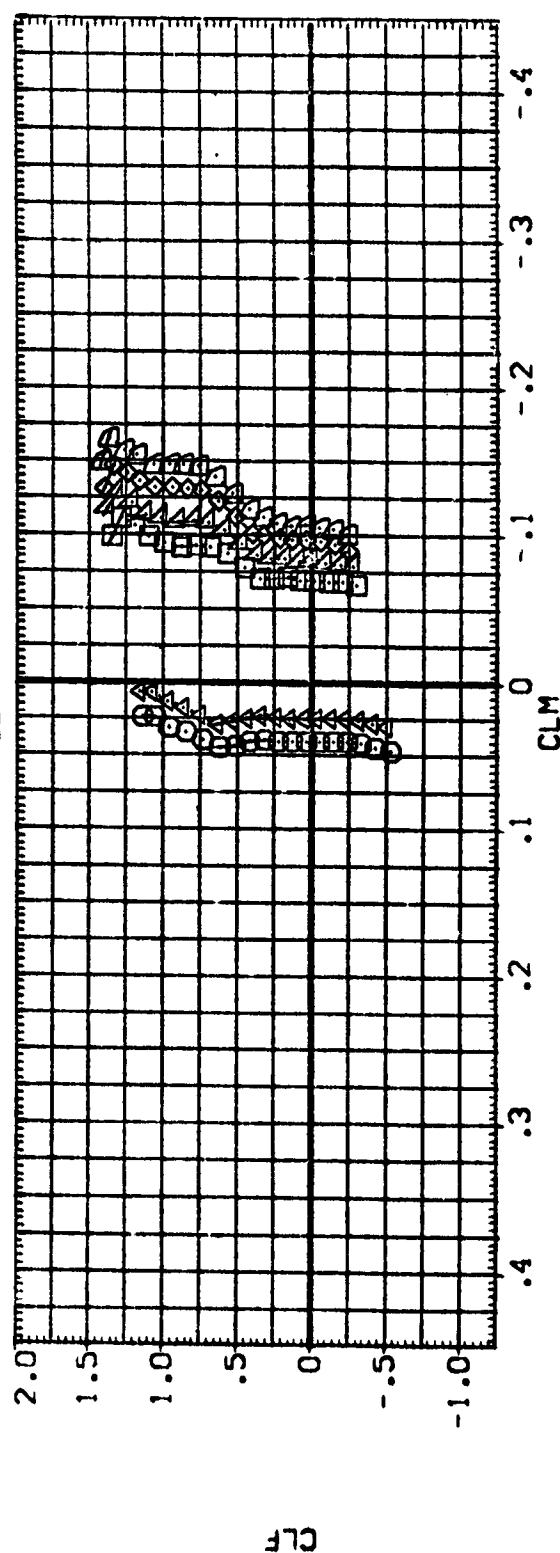
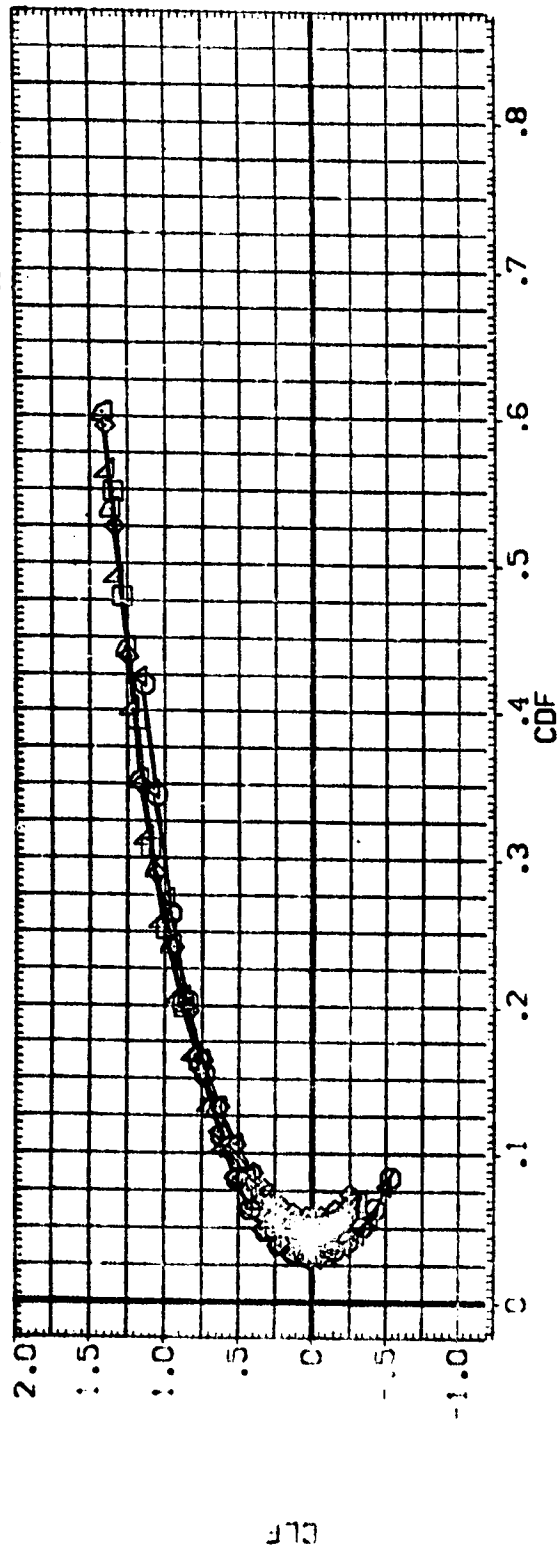


FIG 17 E55 ELEVON EFFECTIVENESS, SHORT QMS (M=0.20)

(A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELEVON	BDFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION	SO.FT.
19	9124	DA1193	862C12	0116N28W	27E55V8	RS X9	.000	SREF	2690.0100
20	9137	DA1193	862C12	0116N28W	27E55V8	RS X9	.000	LREF	474.8100
21	9140	DA1193	862C12	0116N28W	27E55V8	RS X9	.000	BREF	936.6800
22	9142	DA1193	862C12	0116N28W	27E55V8	RS X9	.000	XMRP	1076.6800
23	9148	DA1193	862C12	0116N28W	27E55V8	RS X9	.000	YMRP	.0000
24	9149	DA1193	862C12	0116N28W	27E55V8	RS X9	.000	ZMRP	.0000
25	9150	DA1193	862C12	0116N28W	27E55V8	RS X9	.000	SCALE	.0405

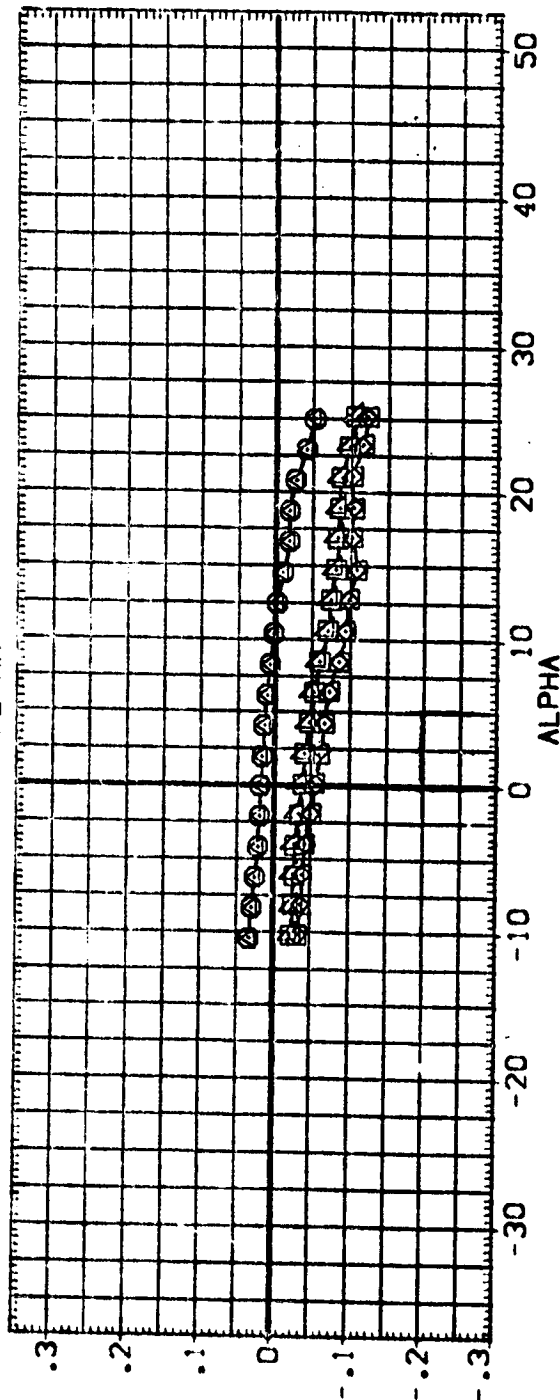
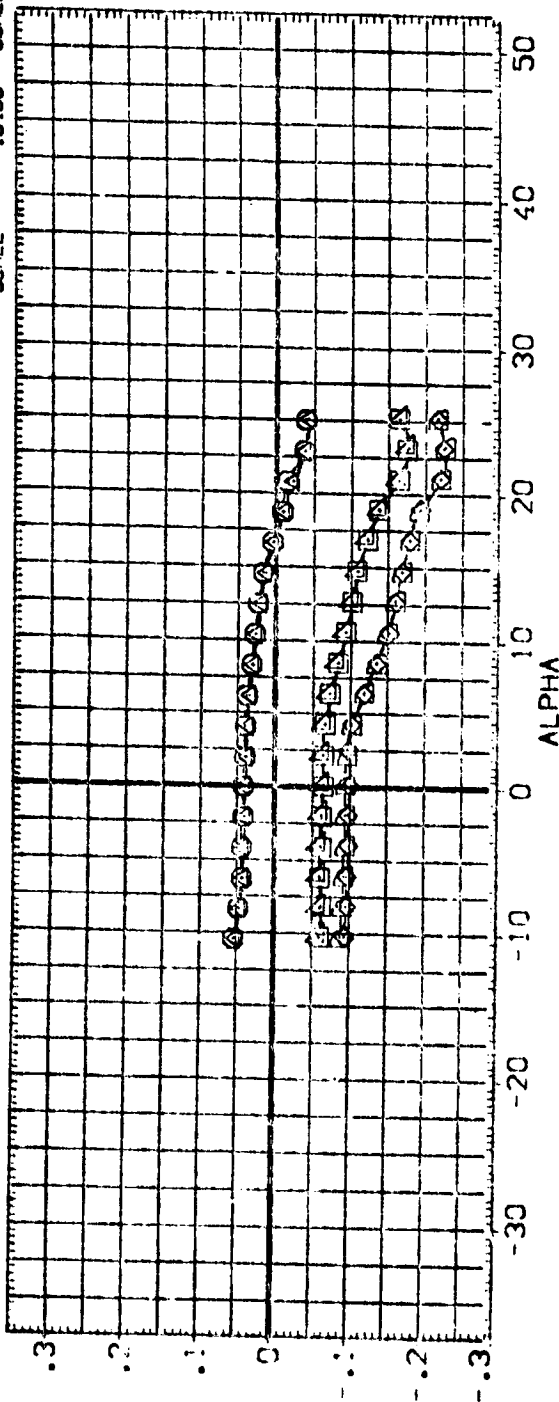


FIG 17 E55 ELEVON EFFECTIVENESS, SHORT OMS (M=0.20)

(A)MACH = .20

DATA SET SYMBOL

011199 862C 12F 10116A28V127E55V8 RS X9
 011199 862C 12F 10116A28V127E55V8 RS X9
 011199 862C 12F 10116A28V127E55V8 RS X9
 011199 862C 12F 10116A28V127E55V8 RS X9
 011199 862C 12F 10116A28V127E55V8 RS X9
 011199 862C 12F 10116A28V127E55V8 RS X9

CONFIGURATION DESCRIPTION

ELEVON .000
 -30.000
 -20.000
 -10.000
 -5.000
 .000

BOFLAP .000
 .000
 .000
 .000
 .000
 .000

SPOBRK 25.000
 25.000
 25.000
 25.000
 25.000
 25.000

RUDDER .000
 .000
 .000
 .000
 .000
 .000

REFERENCE INFORMATION
 SREF 2680.0100 SO.FT
 LREF 474.8100 INCHES
 XREF 936.6800 INCHES
 YREF 1076.6800 INCHES
 ZREF .0000 INCHES
 SCALE 375.0000 INCHES

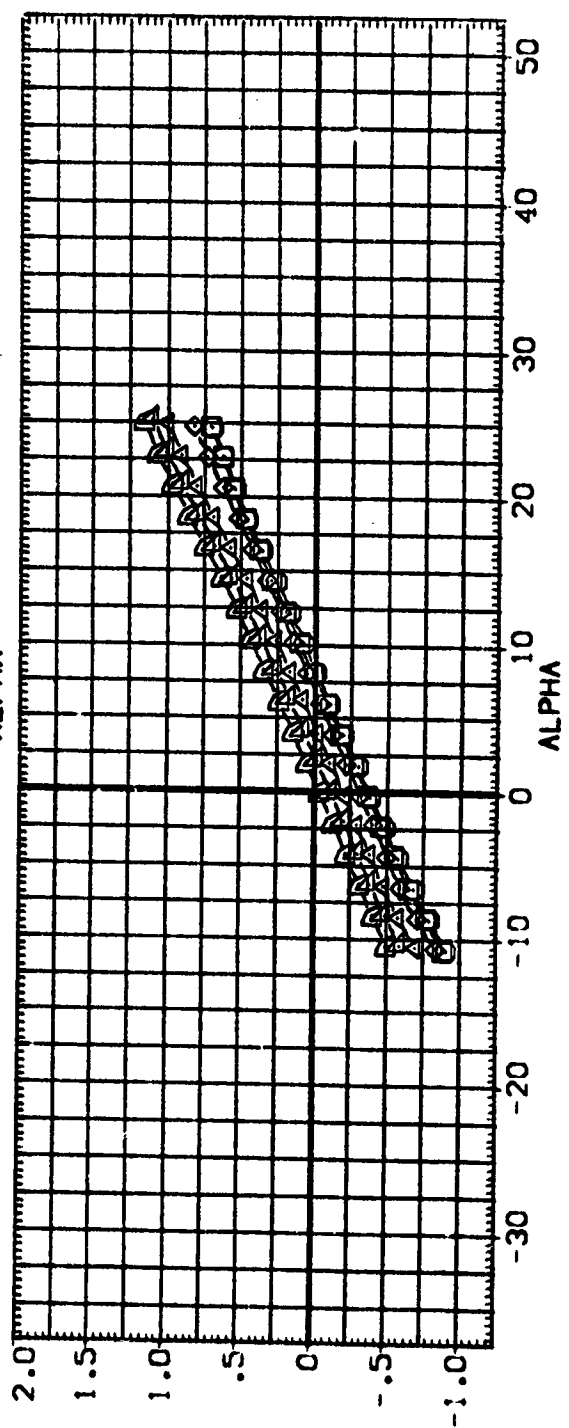
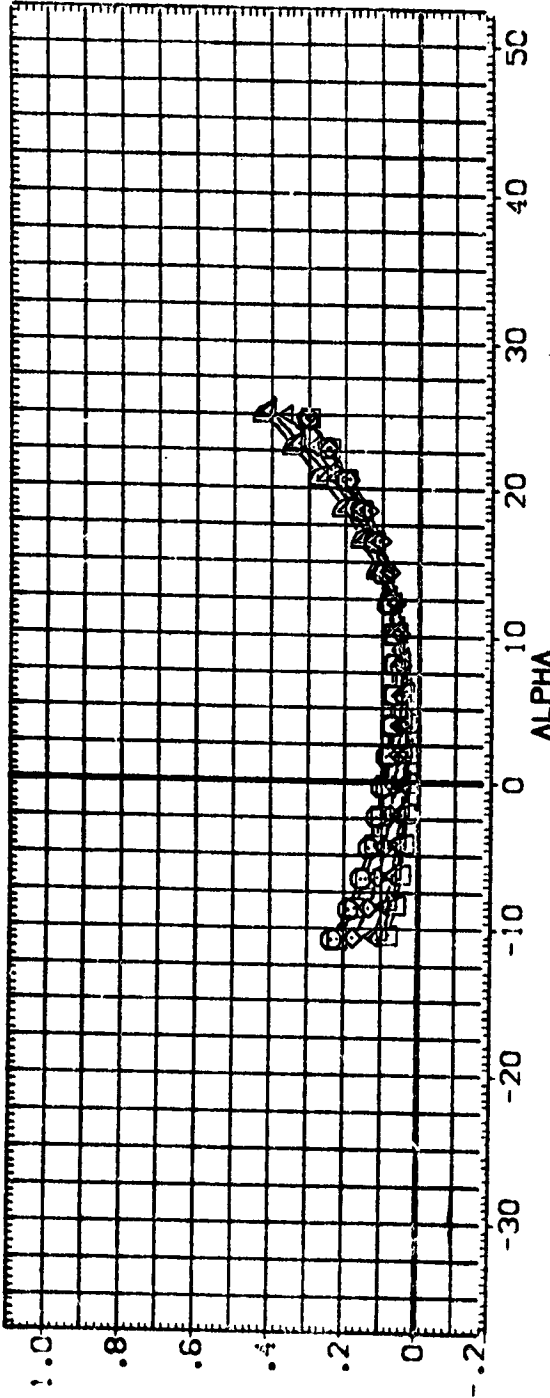


FIG 18 E55 ELEVON EFFECTIVENESS, SHORT QMS (M=0.20)

(AJMACH = .20)



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[CF9159]	DA1199 B62C ZF 10M 6A28V1 27E55V8 R5 X9	-30.000	.000	25.000	.000	SREF 2690.0100 50.01
[CF9163]	DA1199 B62C ZF 10M 6A28V1 27E55V8 R5 X9	-20.000	.000	25.000	.000	LREF 474.9100 INCHES
[CF9166]	DA1199 B62C ZF 10M 6A28V1 27E55V8 R5 X9	-10.000	.000	25.000	.000	BREF 936.5800 INCHES
[CF9169]	DA1199 B62C ZF 10M 6A28V1 27E55V8 R5 X9	-5.000	.000	25.000	.000	XREF 1076.5800 INCHES
[CF9172]	DA1199 B62C ZF 10M 6A28V1 27E55V8 R5 X9	.000	.000	25.000	.000	YREF 375.0000 INCHES
[CF9175]	DA1199 B62C ZF 10M 6A28V1 27E55V8 R5 X9	.000	.000	25.000	.000	ZREF 375.0000 INCHES
						SCALE .0405 SCALE

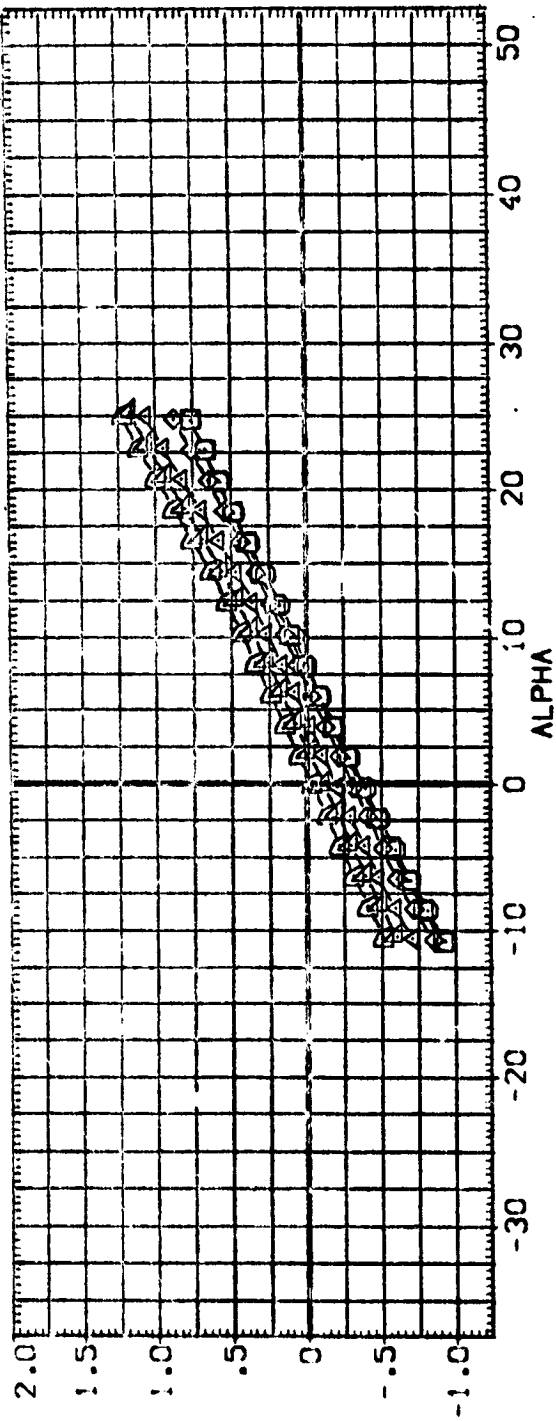
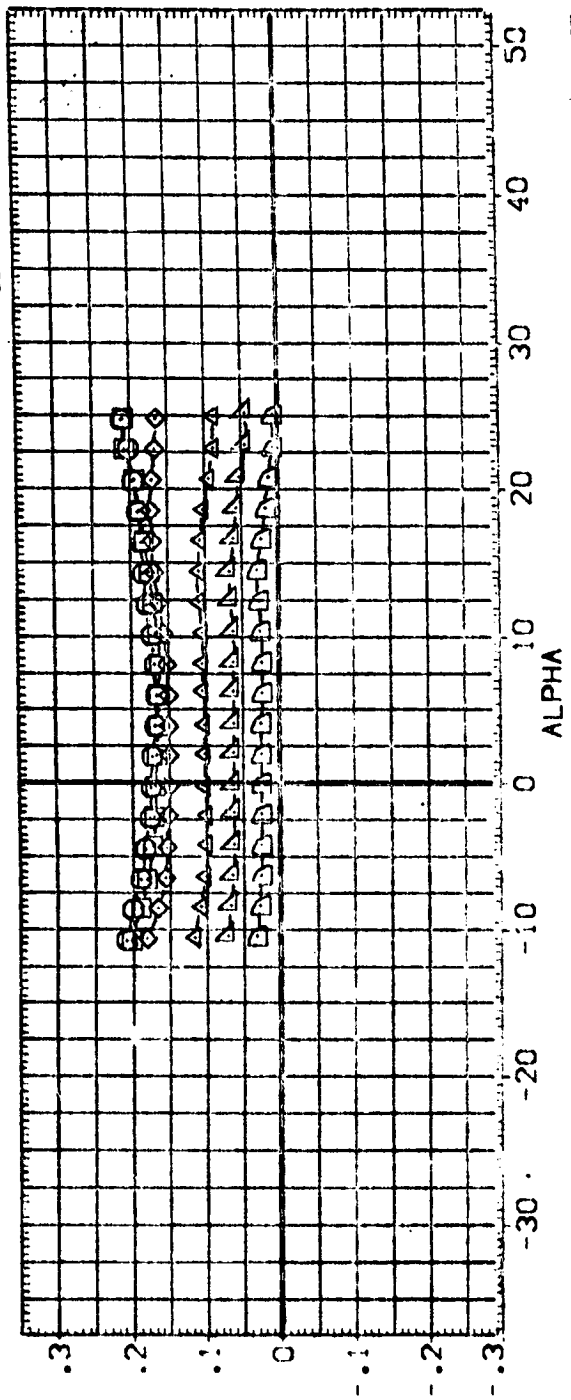


FIG 18 E55 ELEVON EFFECTIVENESS, SHORT QMS (M=0.20)

(A)MACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[09159]	0A1199 862C12 0M16N28M17E55V8 R5 X9	30.000	.000	25.000	.000	SREF 2690.0100 50.000
[09163]	0A1199 862C12 0M16N28M17E55V8 R5 X9	-20.000	.000	25.000	.000	LREF 474.8100 12.000
[09169]	0A1199 862C12 0M16N28M17E55V8 R5 X9	-10.000	.000	25.000	.000	BREF 935.6900 22.000
[09172]	0A1199 862C12 0M16N28M17E55V8 R5 X9	-5.000	.000	25.000	.000	YMRP 1076.0000 25.000
[09175]	0A1199 862C12 0M16N28M17E55V8 R5 X9	.000	.000	25.000	.000	ZMRP 375.0000 25.000
[09178]	0A1199 862C12 0M16N28M17E55V8 R5 X9	.000	.000	25.000	.000	SCALE .0405

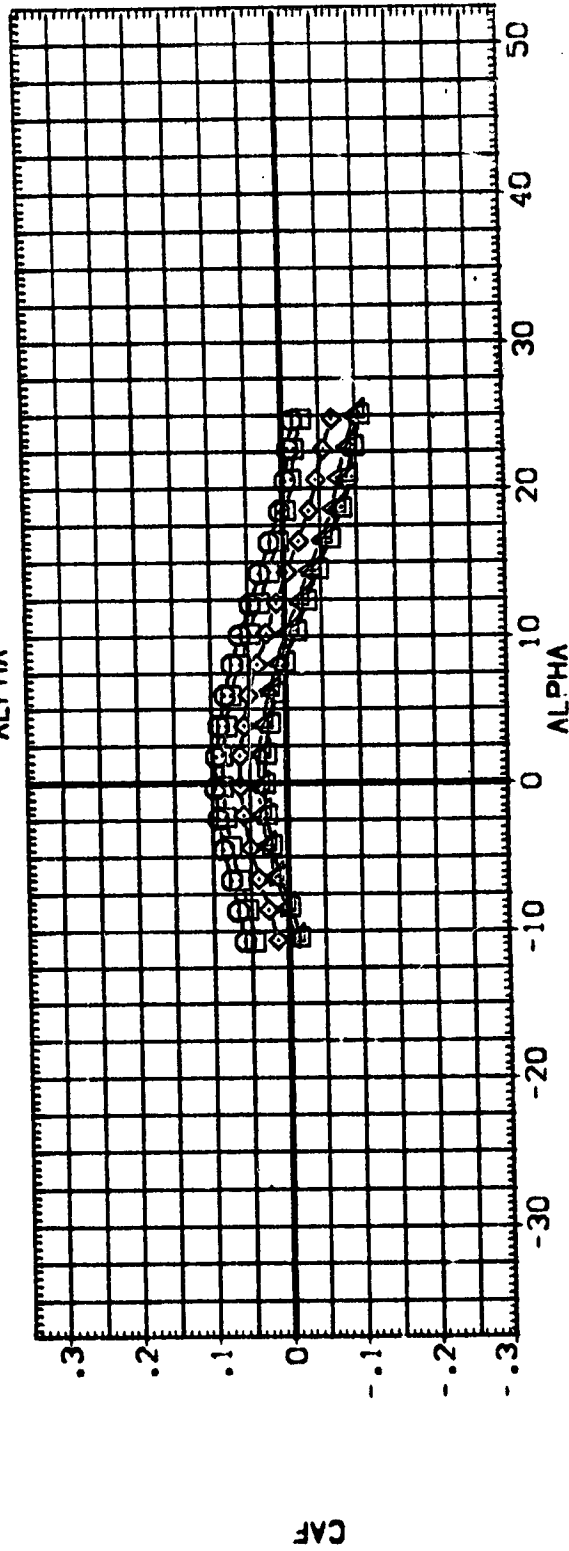
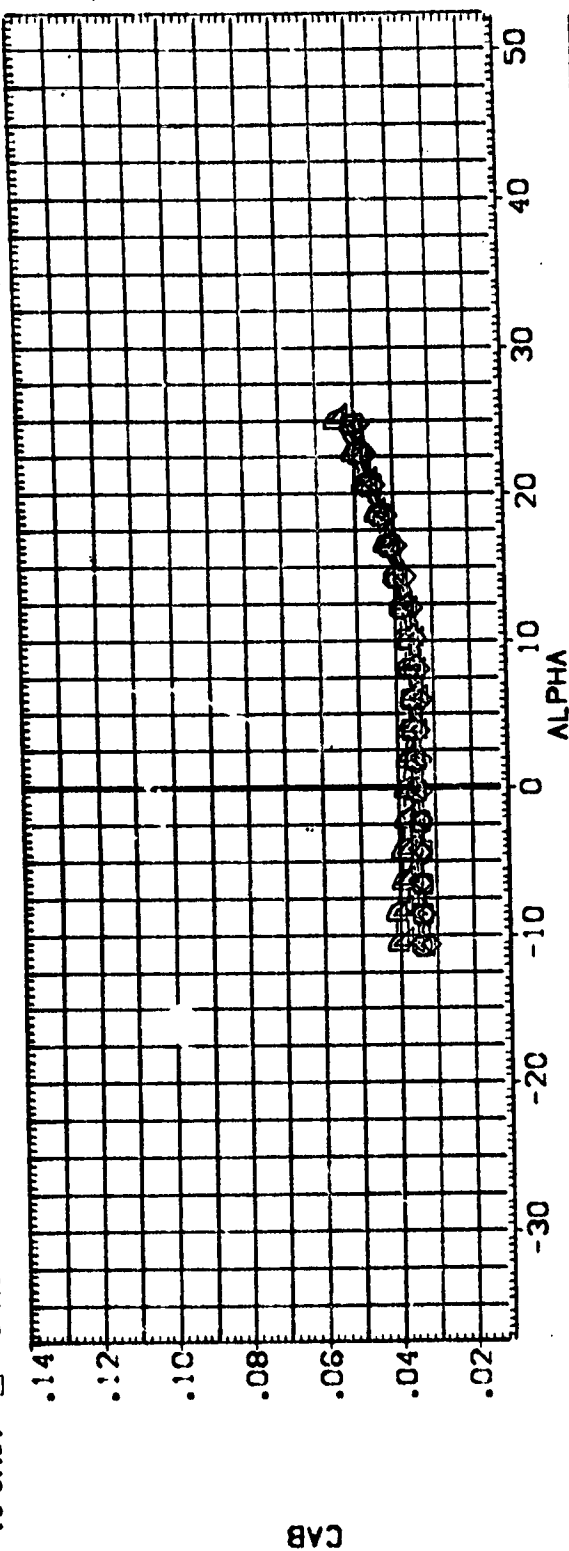


FIG 18 E55 ELEVON EFFECTIVENESS, SHORT OMS (M=0.20)

CAJMACB = .20



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION	SO.FT.
CF9159	D	CA1199 B67C12F10116A28V127E55V8	13.000	.000	25.000	.000	SREF	2690.0100
CF9160	D	CA1199 B67C12F10116A28V127E55V8	12.000	.000	23.000	.000	LREF	474.8100
CF9161	D	CA1199 B67C12F10116A28V127E55V8	11.000	.000	23.000	.000	BREF	936.6800
CF9162	D	CA1199 B67C12F10116A28V127E55V8	10.000	.000	25.000	.000	XREF	1076.6800
CF9163	D	CA1199 B67C12F10116A28V127E55V8	9.000	.000	25.000	.000	YREF	.0000
CF9164	D	CA1199 B67C12F10116A28V127E55V8	8.000	.000	25.000	.000	ZREF	375.0000
CF9165	D	CA1199 B67C12F10116A28V127E55V8	7.000	.000	25.000	.000	SCALE	.0405

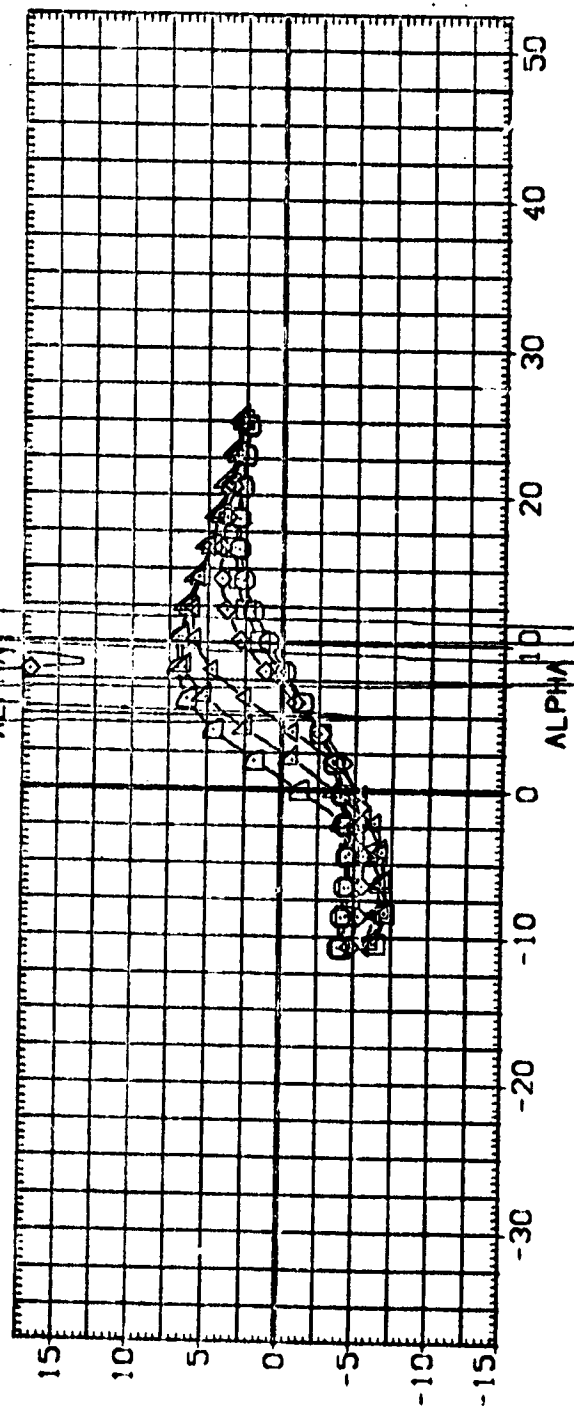
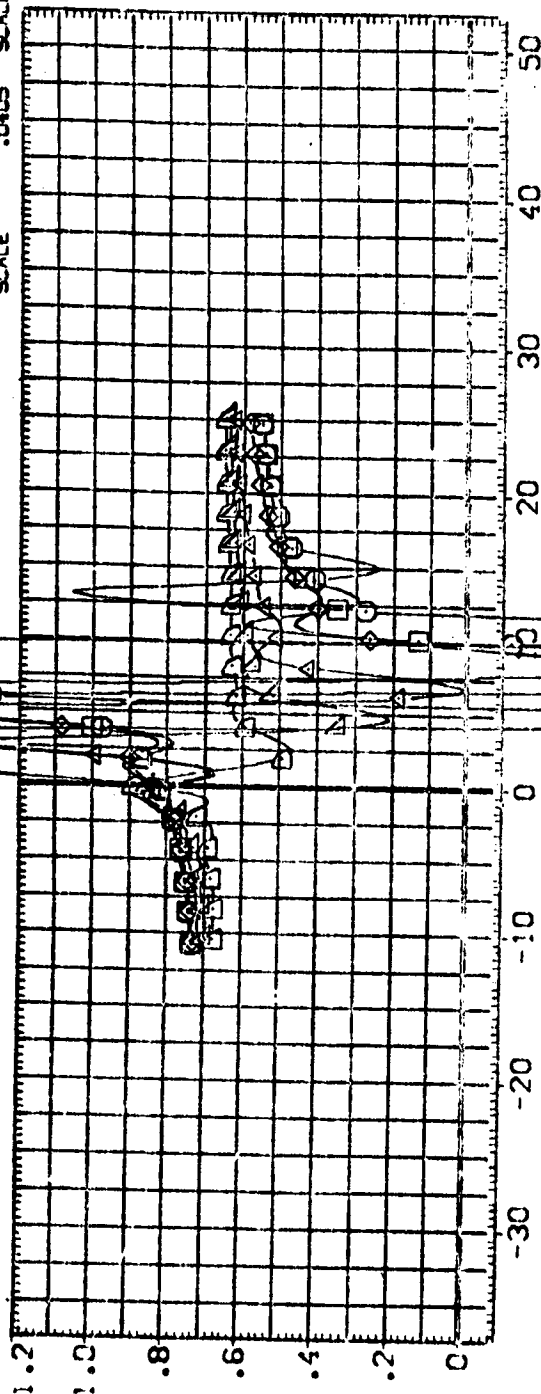


FIG 18 E55 ELEVON EFFECTIVENESS, SHORT QMS (M=0.20)

(A)MACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RLODER	REFERENCE INFORMATION	SCALE
01199	01199 8621 21 0116281 27E55V8 R5 X9	-30.000	.000	25.000	.000	SREF 2690.0100	SCALE
01199	01199 8621 21 0116281 27E55V8 R5 X9	-20.000	.000	25.000	.000	LREF 474.8100	SCALE
01199	01199 8621 21 0116281 27E55V8 R5 X9	-10.000	.000	25.000	.000	BREF 936.8600	SCALE
01199	01199 8621 21 0116281 27E55V8 R5 X9	-5.000	.000	25.000	.000	XREF 1076.8600	SCALE
01199	01199 8621 21 0116281 27E55V8 R5 X9		.000	25.000	.000	YREF 375.0000	SCALE
01199	01199 8621 21 0116281 27E55V8 R5 X9		.000	25.000	.000	ZREF 375.0000	SCALE
01199	01199 8621 21 0116281 27E55V8 R5 X9		.000	25.000	.000	SCALE 375.0000	SCALE

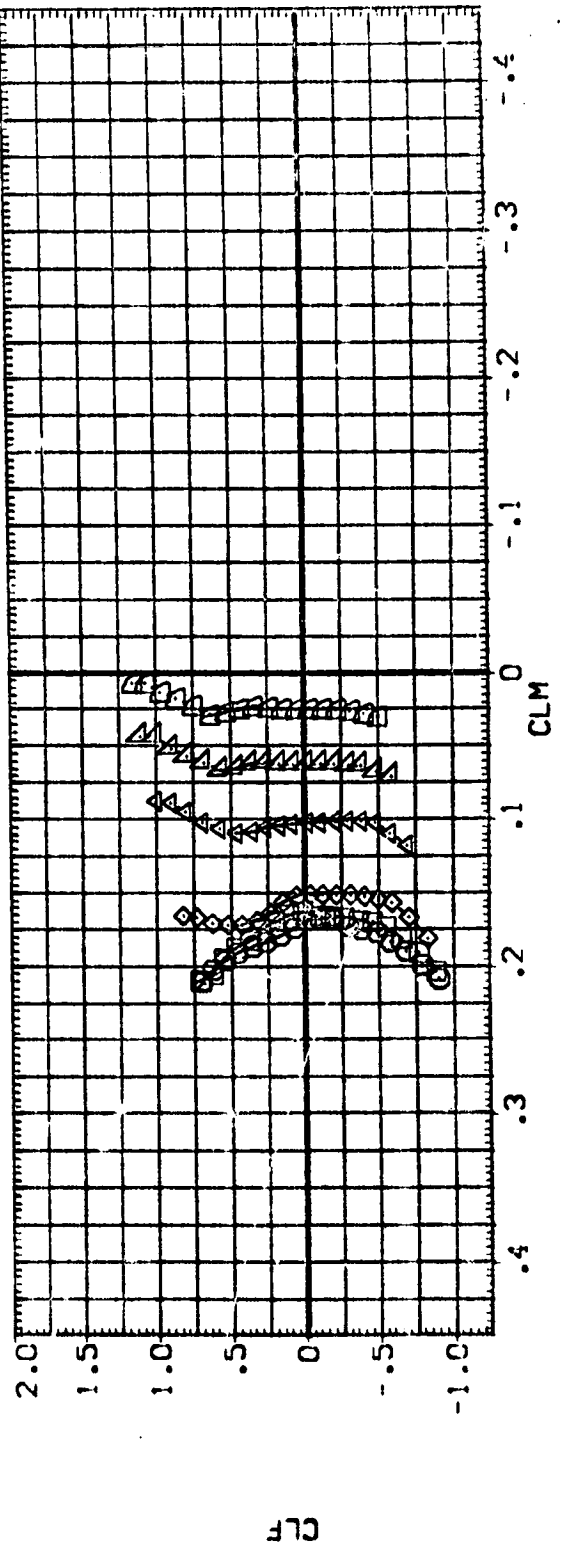
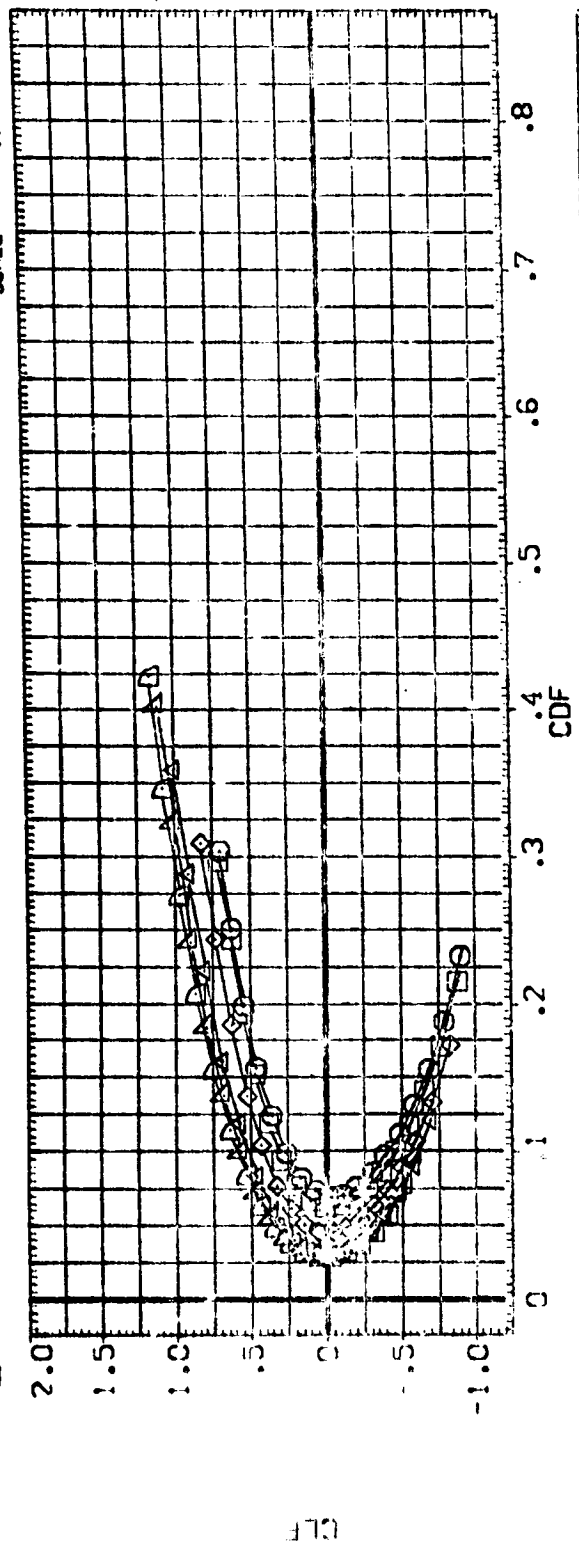


FIG 18 E55 ELEVON EFFECTIVENESS, SHORT QMS (M=0.20)

(A)MACH = .20



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBK	RUDER	REFERENCE INFORMATION
[59159]	DA1153 862C12 CM16N28N17E55V8 RS X9	-30.000	.000	25.000	.000	SREF 2690.0100 SQ.FT.
[59163]	DA1153 862C12 CM16N28N17E55V8 RS X9	-20.000	.000	25.000	.000	LREF 474.8100 INCHES
[59165]	DA1153 862C12 CM16N28N17E55V8 RS X9	-10.000	.000	25.000	.000	BREF 936.6800 INCHES
[59169]	DA1153 862C12 CM16N28N17E55V8 RS X9	-5.000	.000	25.000	.000	XREF 1076.6800 INCHES
[59172]	DA1153 862C12 CM16N28N17E55V8 RS X9	.000	.000	25.000	.000	YREF 375.0000 INCHES
[59175]	DA1153 862C12 CM16N28N17E55V8 RS X9	.000	.000	25.000	.000	ZREF 375.0000 INCHES
						SCALE .0405

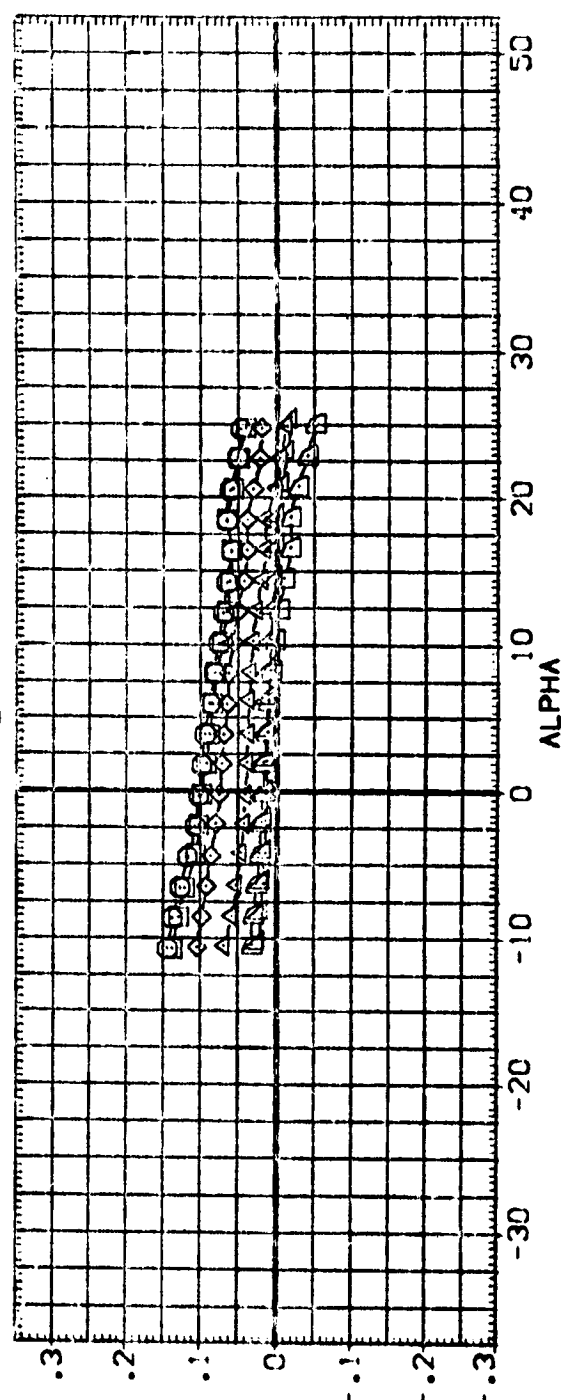
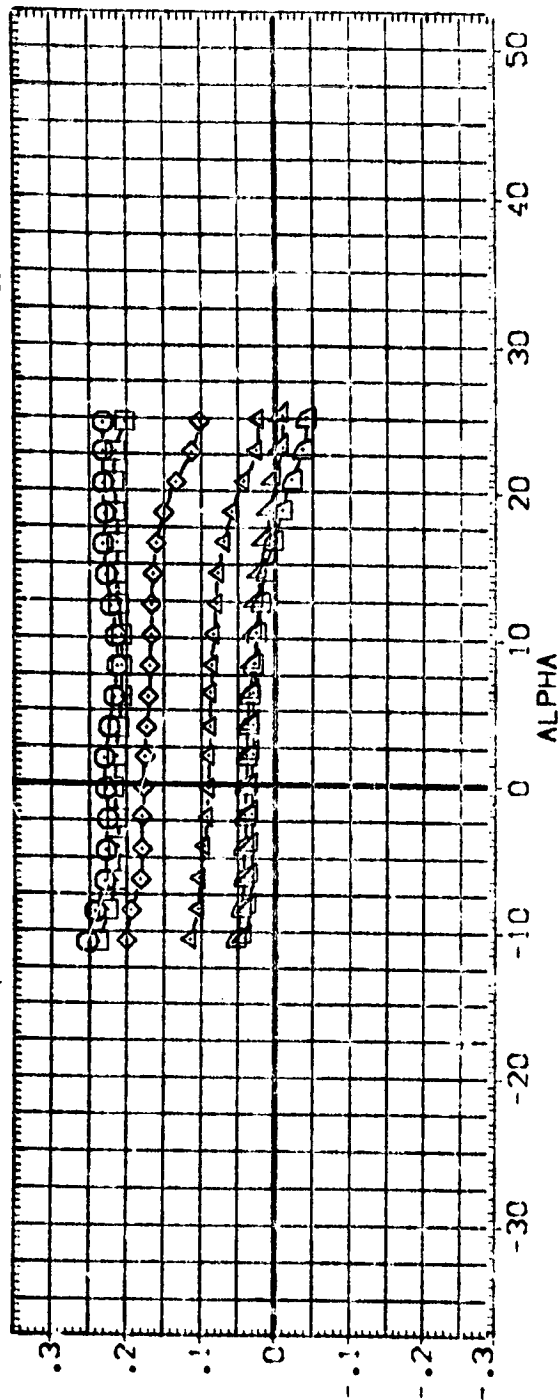


FIG 18 E55 ELEVON EFFECTIVENESS, SHORT QMS (M=0.20)

[A]MACH = .20

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
(B9)26)	DA1193	862C12F1047	N28V127E55V8	R5	X9		50.FT: 5
(B9)27)	DA1193	862C12F1047	N28V127E55V8	R5	X9		INCHES: 5
(B9)34)	DA1193	862C12F1047	N28V127E55V8	R5	X9		INCHES: 5
(B9)35)	DA1193	862C12F1047	N28V127E55V8	R5	X9		INCHES: 5
(B9)42)	DA1193	862C12F1047	N28V127E55V8	R5	X9		INCHES: 5

SREF	2690.0100	50.FT: 5
LREF	474.8100	INCHES: 5
BREF	936.6800	INCHES: 5
XMRP	1076.6800	INCHES: 5
YMRP	.0000	INCHES: 5
ZMRP	375.0000	INCHES: 5
SCALE	.0405	50.FT: 5

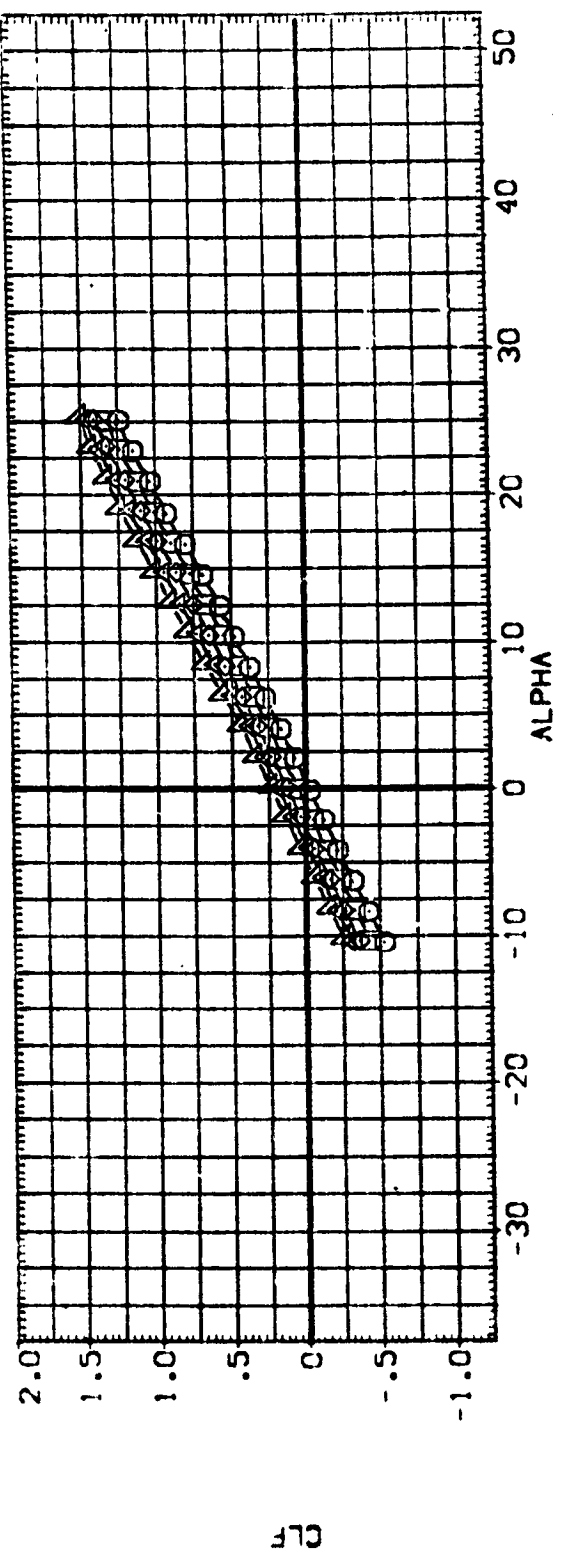
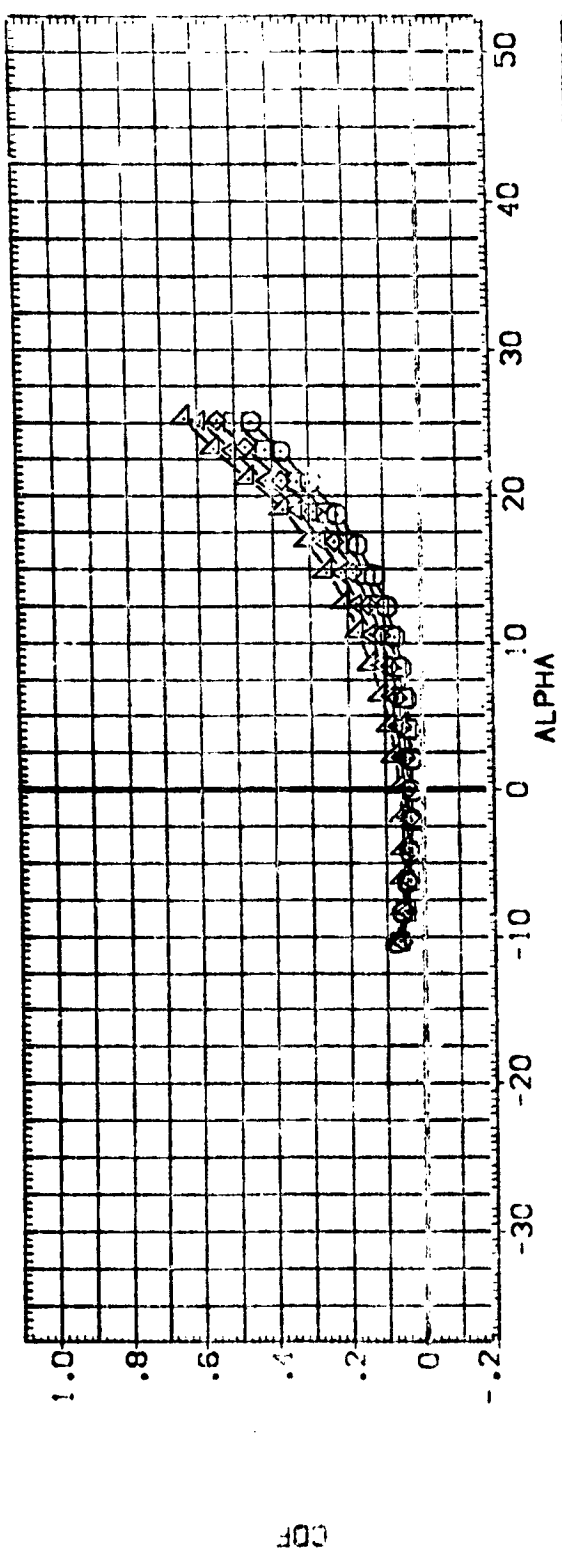


FIG 19 E55 ELEVON EFFECTIVENESS. LONG QMS (M=0.20)

(A)MACH = .20



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION	50.FT.
[B] 91.26	Q	01198 562C12 107 N28.1 27E55.8 RS X9	.000	.000	.000	.000	SREF 2690.0100	NG-E5
[B] 91.27	Q	01198 562C12 107 N28.1 27E55.8 RS X9	.000	.000	.000	.000	LREF 474.8100	NG-E5
[B] 91.28	Q	01198 562C12 107 N28.1 27E55.8 RS X9	.000	.000	.000	.000	BREF 936.8800	NG-E5
[B] 91.29	Q	01198 562C12 107 N28.1 27E55.8 RS X9	.000	.000	.000	.000	XREF 1076.8800	NG-E5
[B] 91.30	Q	01198 562C12 107 N28.1 27E55.8 RS X9	.000	.000	.000	.000	YREF 375.0000	NG-E5
[B] 91.31	Q	01198 562C12 107 N28.1 27E55.8 RS X9	.000	.000	.000	.000	ZREF 375.0000	NG-E5
[B] 91.32	Q	01198 562C12 107 N28.1 27E55.8 RS X9	.000	.000	.000	.000	SCALE .0405	NG-E5

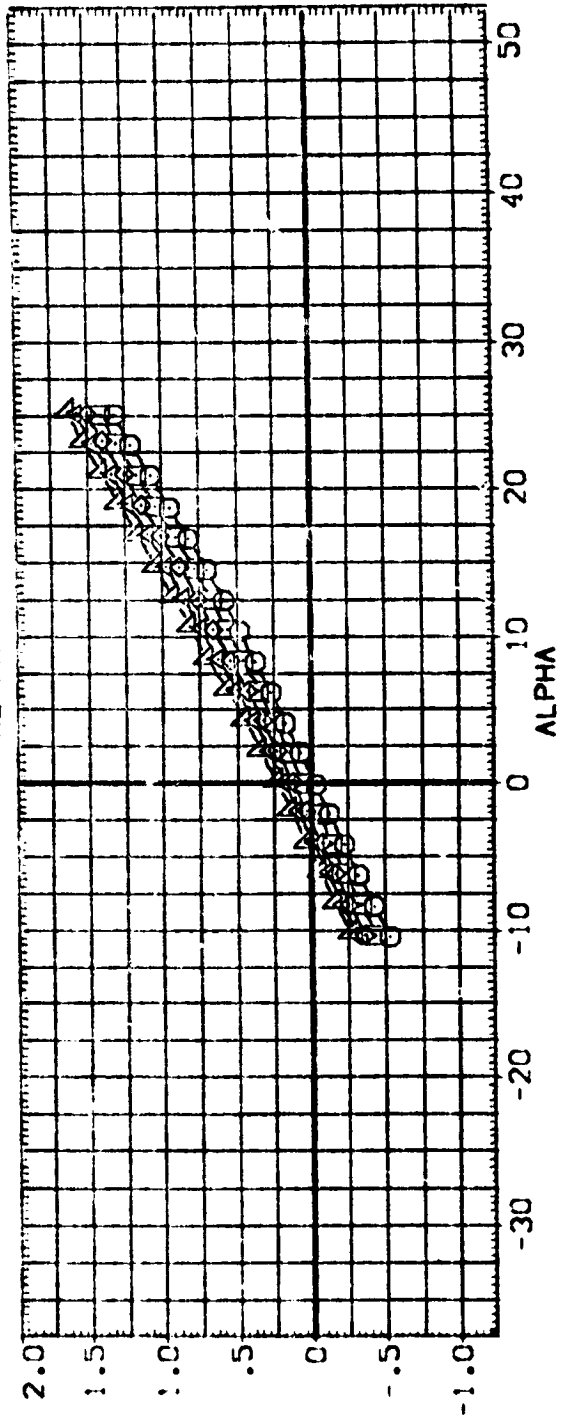
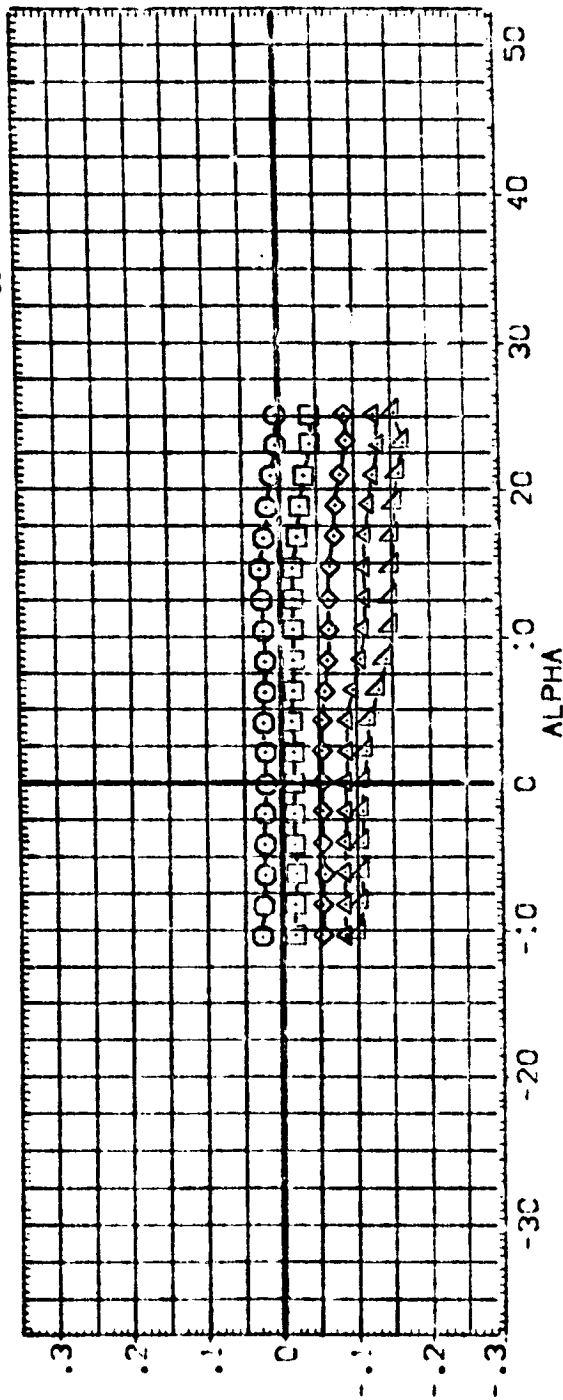


FIG 19 E55 ELEVEN EFFECTIVENESS, LONG QMS (M=0.20)

(A) VAC = .20

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION	50 FT.
01	99	862C	12 107	20.000	20.000	20.000	20.000	2690.0100	50.000
02	99	862C	12 107	15.000	15.000	15.000	15.000	174.8100	50.000
03	99	862C	12 107	10.000	10.000	10.000	10.000	936.6800	50.000
04	99	862C	12 107	5.000	5.000	5.000	5.000	1076.6800	50.000
05	99	862C	12 107	0.000	0.000	0.000	0.000	375.0000	50.000
06	99	862C	12 107	20.000	20.000	20.000	20.000	375.0000	50.000
07	99	862C	12 107	15.000	15.000	15.000	15.000	375.0000	50.000
08	99	862C	12 107	10.000	10.000	10.000	10.000	375.0000	50.000
09	99	862C	12 107	5.000	5.000	5.000	5.000	375.0000	50.000
10	99	862C	12 107	0.000	0.000	0.000	0.000	375.0000	50.000

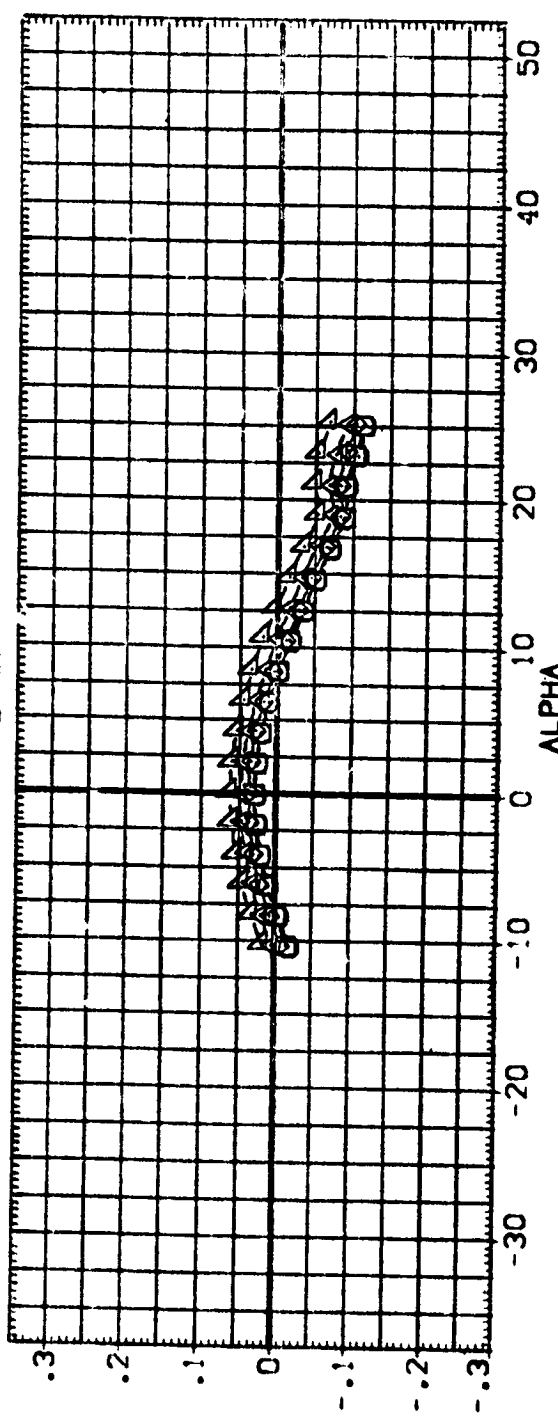
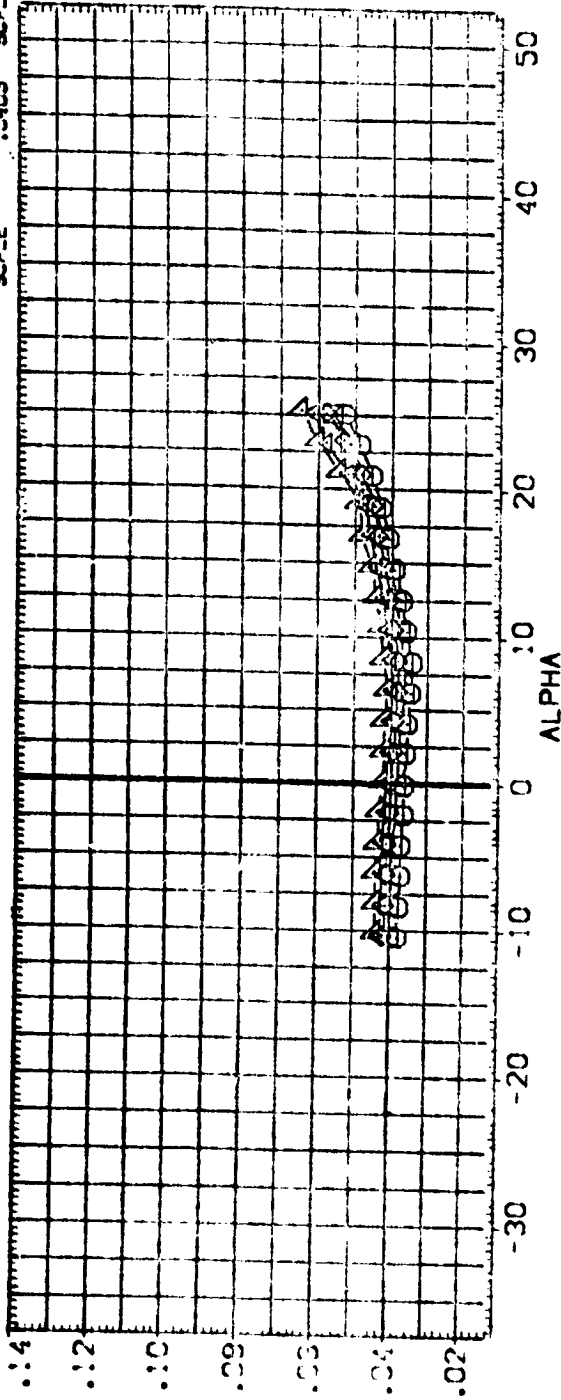


FIG 19 E55 ELEVON EFFECTIVENESS, LONG QMS (M=0.20)

CAJ MACH = .20



DATA SET SYMBOL	CONF: GURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION	50. FT
[B-9:126]	0A1198 8620:2F 1047 N284:27E55V8 R5 X9	0.000	0.000	0.000	0.000	SREF 2650.0100	INC-ES
[B-9:127]	0A1198 8620:2F 1047 N284:27E55V8 R5 X9	5.000	5.000	5.000	5.000	LREF 474.8100	INC-ES
[B-9:134]	0A1198 8620:2F 1047 N284:27E55V8 R5 X9	10.000	10.000	10.000	10.000	BREF 936.6800	INC-ES
[B-9:135]	0A1198 8620:2F 1047 N284:27E55V8 R5 X9	15.000	15.000	15.000	15.000	XMRP 1076.0000	INC-ES
[B-9:136]	0A1198 8620:2F 1047 N284:27E55V8 R5 X9	20.000	20.000	20.000	20.000	YMRP 375.0000	INC-ES
						SCALE .0405	SCALE

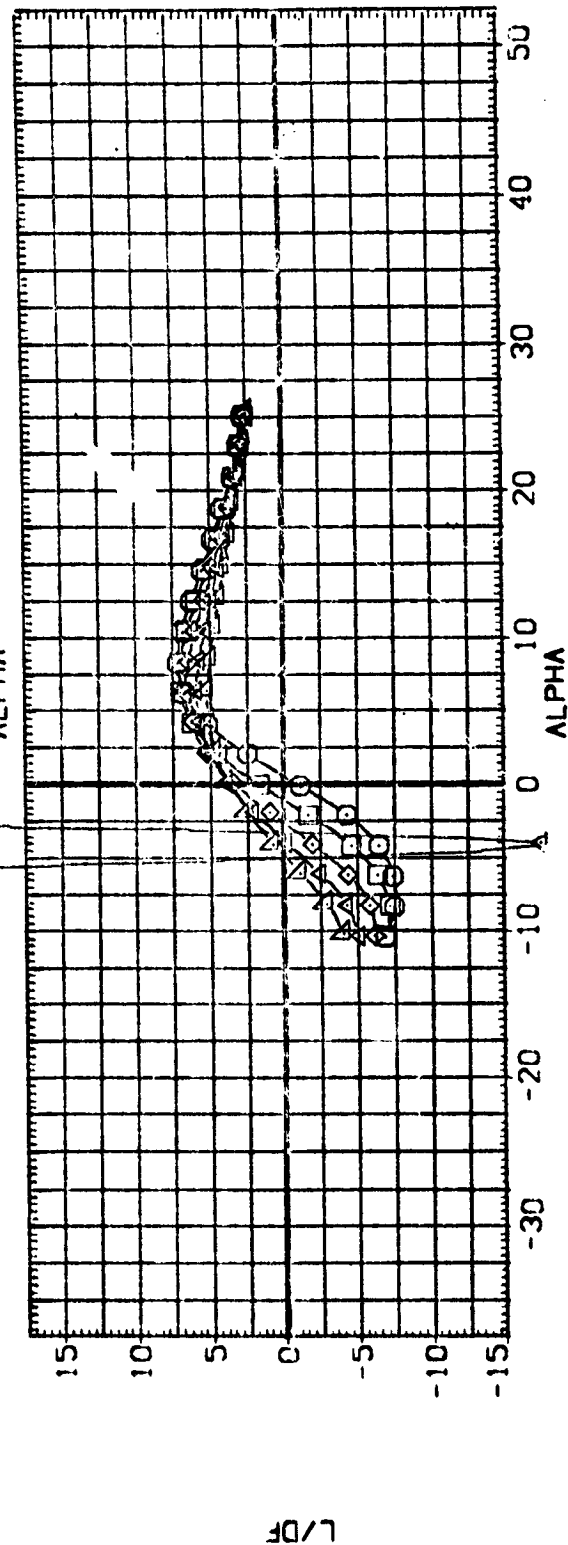
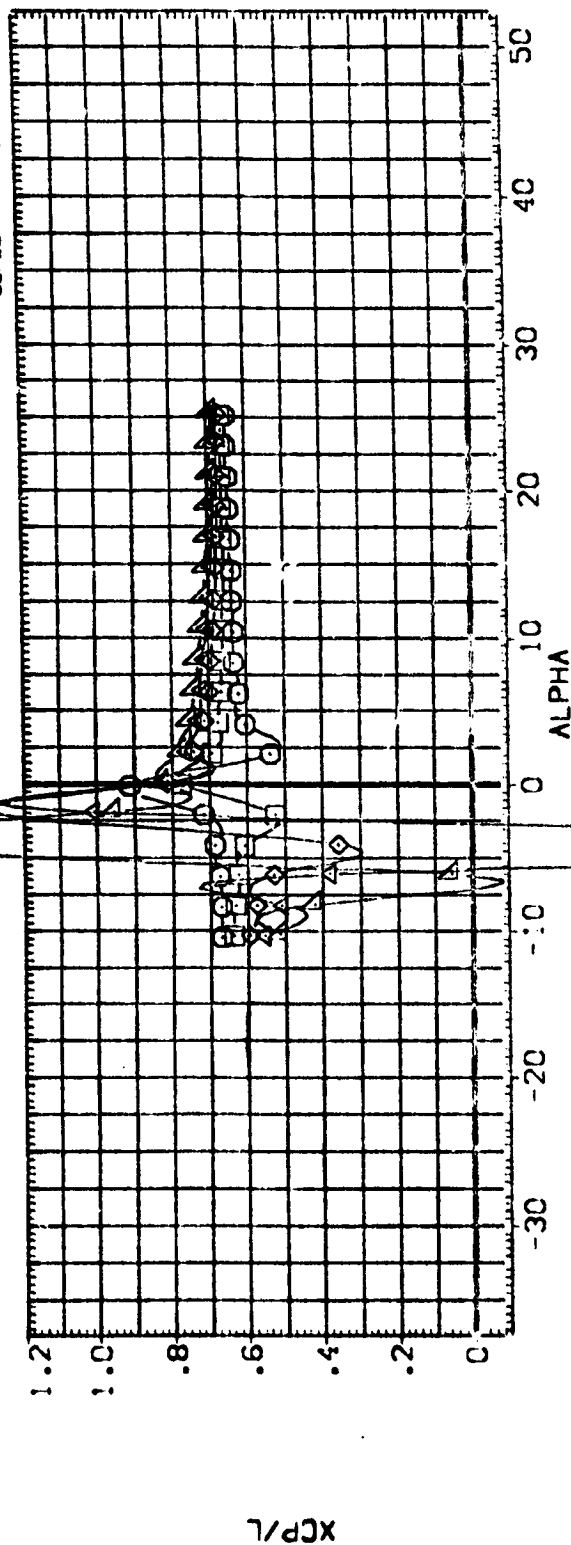


FIG 19 E55 ELEVON EFFECTIVENESS, LONG GMS (M=0.20)

(A)MACH = .20

DATA SET SYMBOL. CONFIGURATION DESCRIPTION

(B) 9126	0A1193	862C12F1047	N28V127E55V8	R5	X9
(B) 9127	0A1193	862C12F1047	N28V127E55V8	R5	X9
(B) 9134	0A1193	862C12F1047	N28V127E55V8	R5	X9
(B) 9135	0A1193	862C12F1047	N28V127E55V8	R5	X9
(B) 9142	0A1193	862C12F1047	N28V127E55V8	R5	X9

REFERENCE INFORMATION

ELV-L0	ELV-L1	ELV-R1	ELV-R0	SREF	SO-FT
.000	.000	.000	.000	2680.0100	INCHES
5.000	5.000	5.000	5.000	474.8100	INCHES
10.000	10.000	10.000	10.000	936.6800	INCHES
15.000	15.000	15.000	15.000	1076.0000	INCHES
20.000	20.000	20.000	20.000	375.0000	INCHES
				SCALE	SCALE

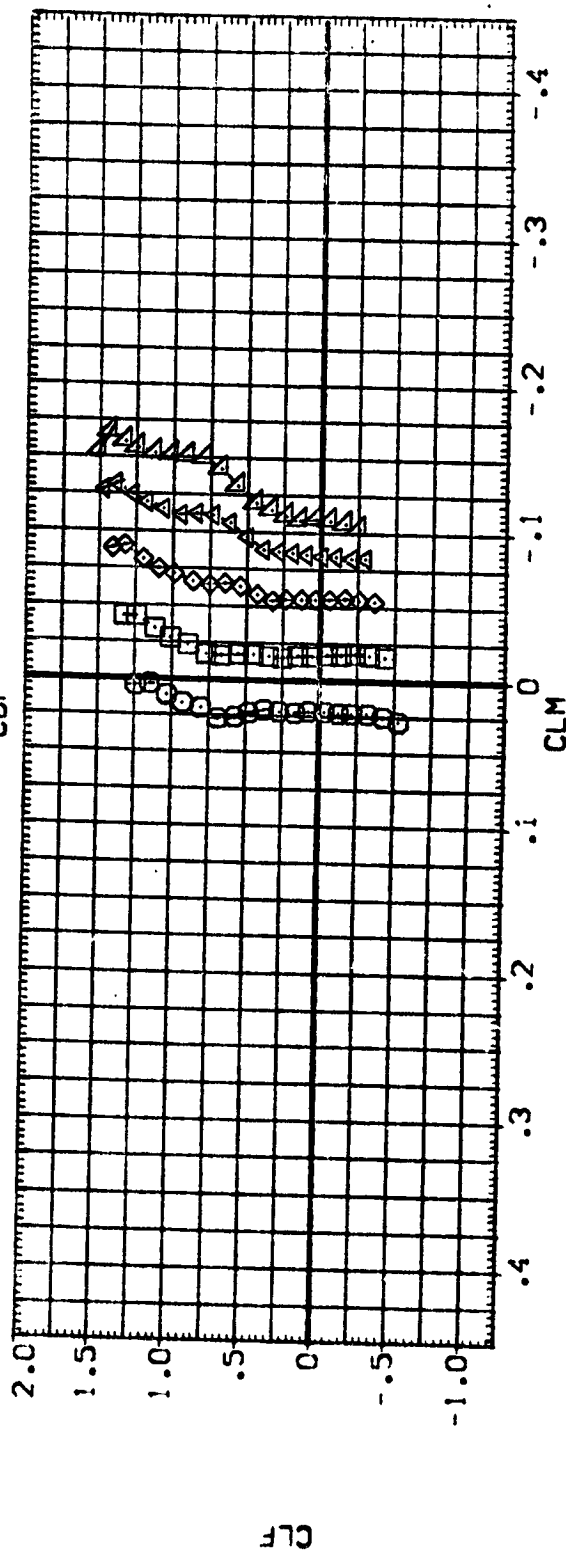
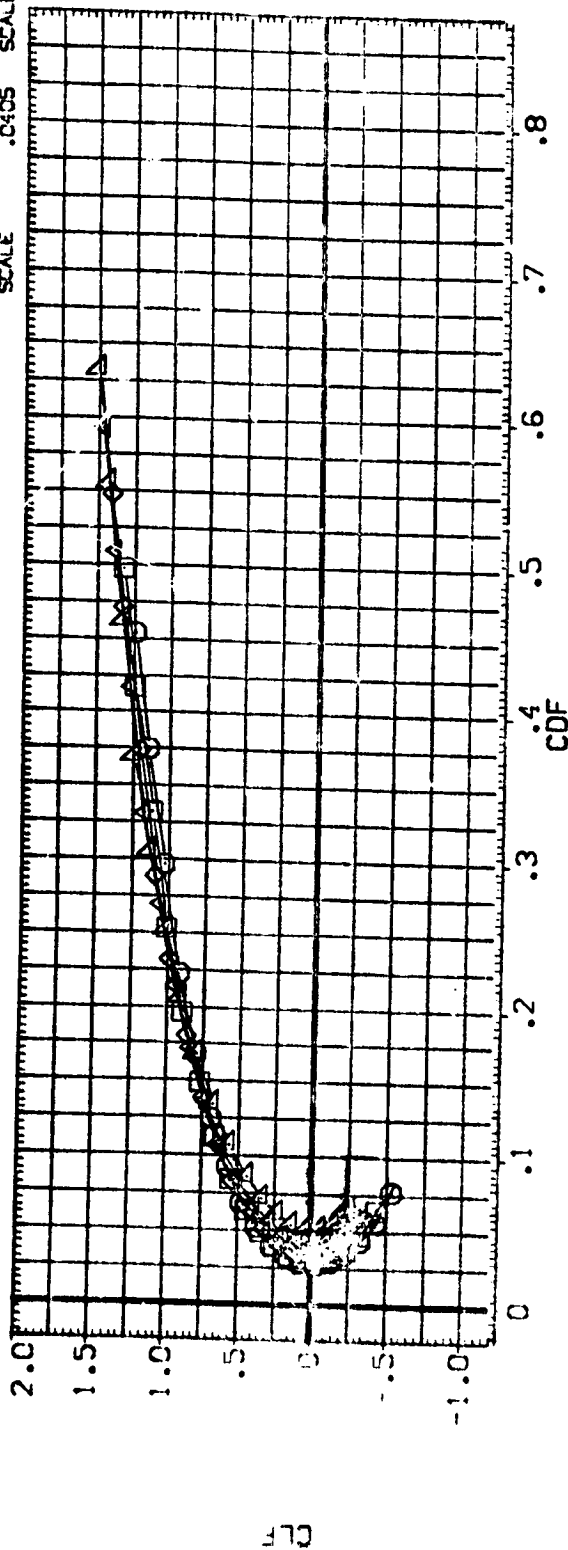


FIG 19 E55 ELEVON EFFECTIVENESS, LONG OMS (M=0.20)

(A) MACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
[#9126]	0A1199 B62C12F1047 N284127E55V8 R5 X9	.000	.000	.000	.000	SREF 2690.0100 50 FT.
[#9127]	0A1199 B62C12F1047 N284127E55V8 R5 X9	5.000	5.000	5.000	5.000	LREF 474.8100 INCHES
[#9134]	0A1199 B62C12F1047 N284127E55V8 R5 X9	10.000	10.000	10.000	10.000	BREF 936.6800 INCHES
[#9135]	0A1199 B62C12F1047 N284127E55V8 R5 X9	15.000	15.000	15.000	15.000	XREF 1076.0000 INCHES
[#9142]	0A1199 B62C12F1047 N284127E55V8 R5 X9	20.000	20.000	20.000	20.000	YREF 375.0000 INCHES
						ZREF .0405 SCALE

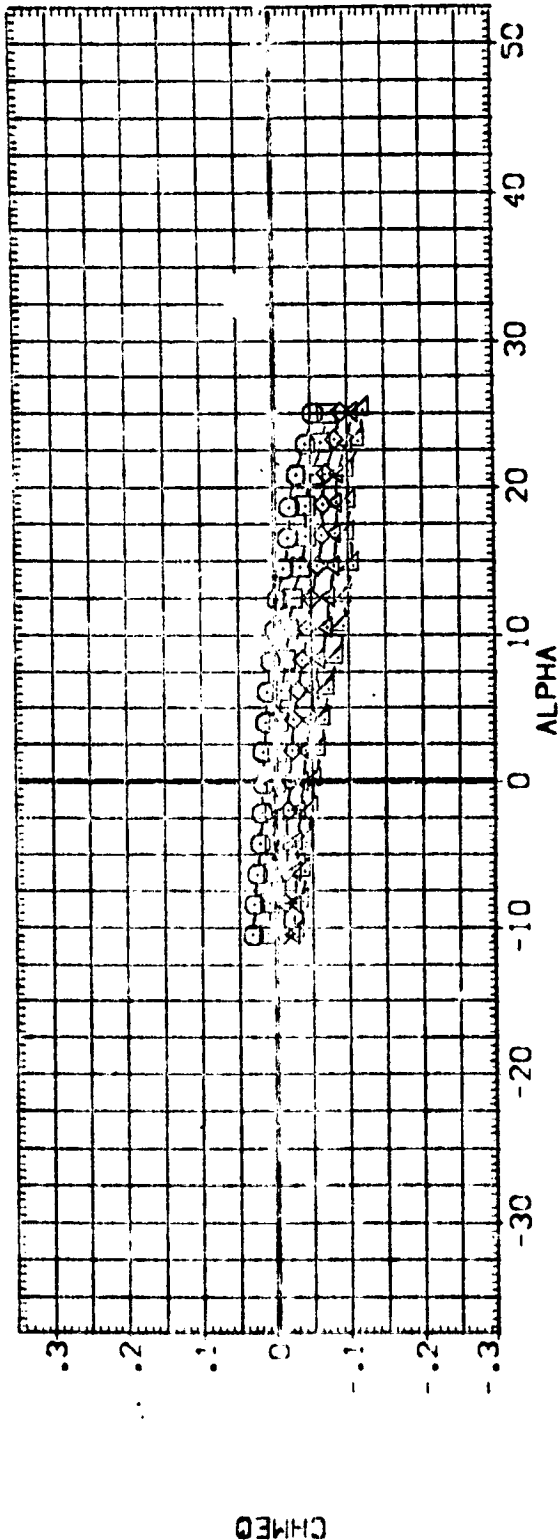
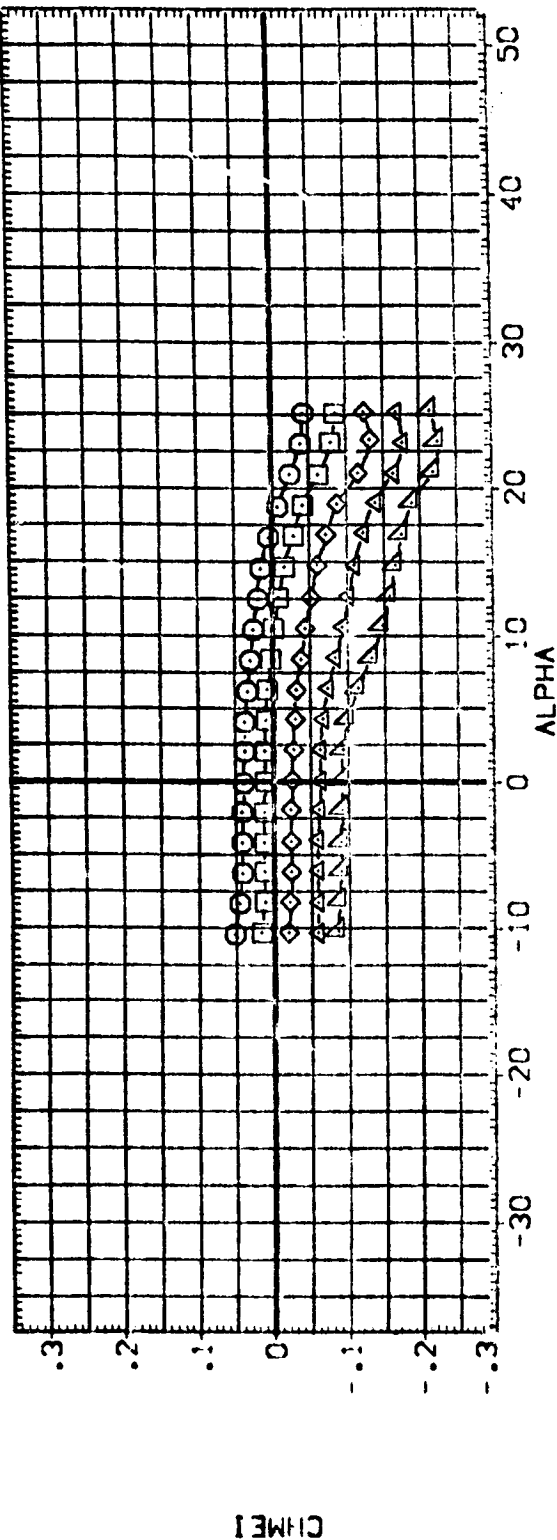


FIG 19 E55 ELEVON EFFECTIVENESS, LONG QMS (M=0.20)

(A)MACH = .20

DATA SET SYMBOLS:
 [39146]
 [39147]
 [39139]
 [39146]
 [39147]
 [39139]
 [39146]
 [39147]
 [39139]

CONFIGURATION DESCRIPTION

DA1198 B62C 27 DM16N28N127E55V8 RS X9
 DA1198 B62C 27 DM16N28N127E55V8 RS X9
 DA1198 B62C 27 DM16N28N127E55V8 RS X9
 DA1198 B62C 27 DM16N28N127E55V8 RS X9

REFERENCE INFORMATION
 SREF 2690.0100 SQ.FT.
 LREF 474.8100 INCHES
 BREF 936.6800 INCHES
 XMRP 1076.6800 INCHES
 YMRP 375.0000 INCHES
 ZMRP 375.0000 INCHES
 SCALE .0405

ELV-L0 ELV-L1 ELV-R1 ELV-R0
 .000 20.000 20.000 20.000
 10.000 20.000 20.000 20.000
 20.000 20.000 20.000 20.000

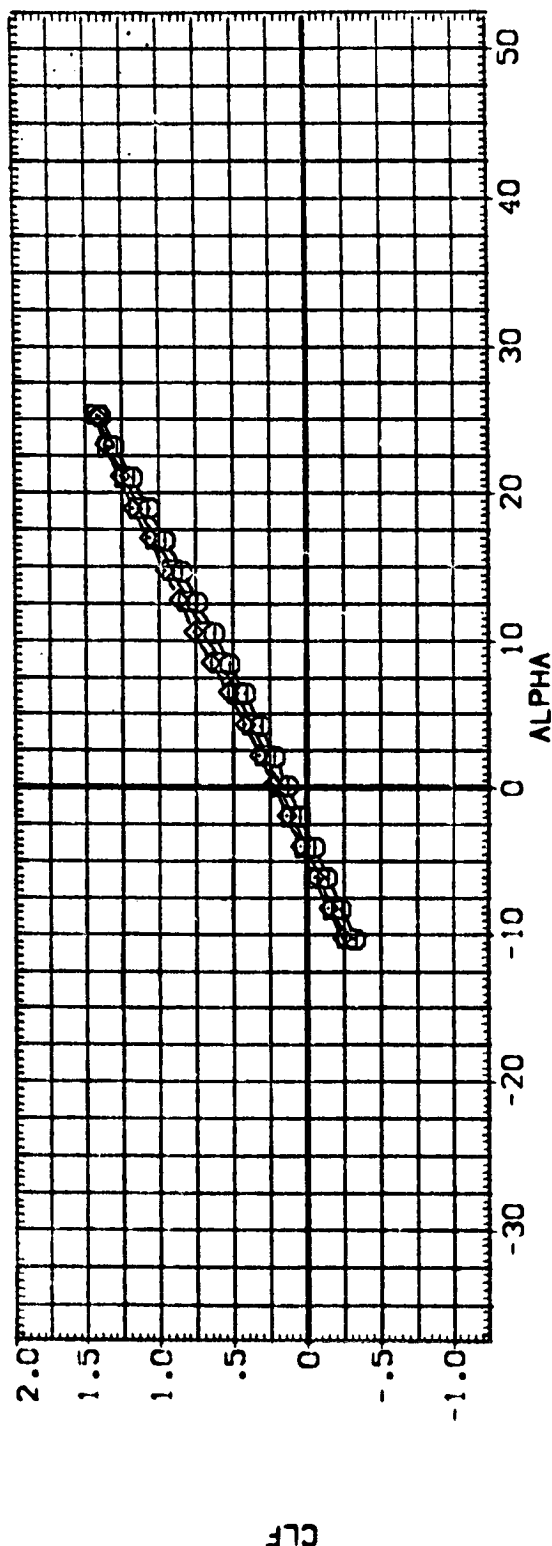
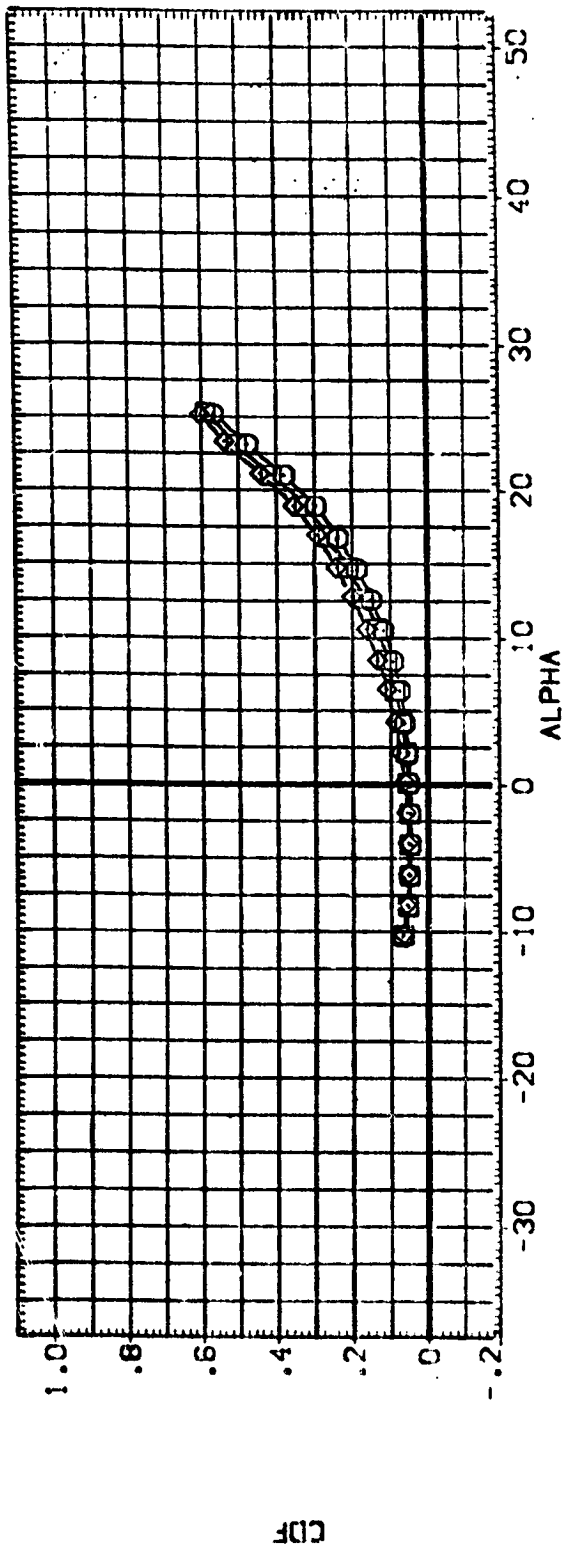


FIG 20 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=+20

(A)MACH = .20



DATA SET SYMBOL CONFIGURATION DESCRIPTION

{B9:45} Q Q1159 B62C 2' 10' 16' 28' 1.27E55V8 R5 X9

{B9:47} Q Q1159 B62C 2' 10' 16' 28' 1.27E55V8 R5 X9

{B9:39} Q Q1159 B62C 2' 10' 16' 28' 1.27E55V8 R5 X9

ELV-L0 ELV-L1 ELV-R1 ELV-R0

0.000 20.000 20.000 0.000

10.000 20.000 20.000 10.000

20.000 20.000 20.000 20.000

REFERENCE INFORMATION

SREF 2690.0100 SQ.FT.

LREF 474.8100 INCHES

BREF 936.6800 INCHES

XMRP 1076.0000 INCHES

YMRP 375.0000 INCHES

ZMRP 375.0000 INCHES

SCALE .0405

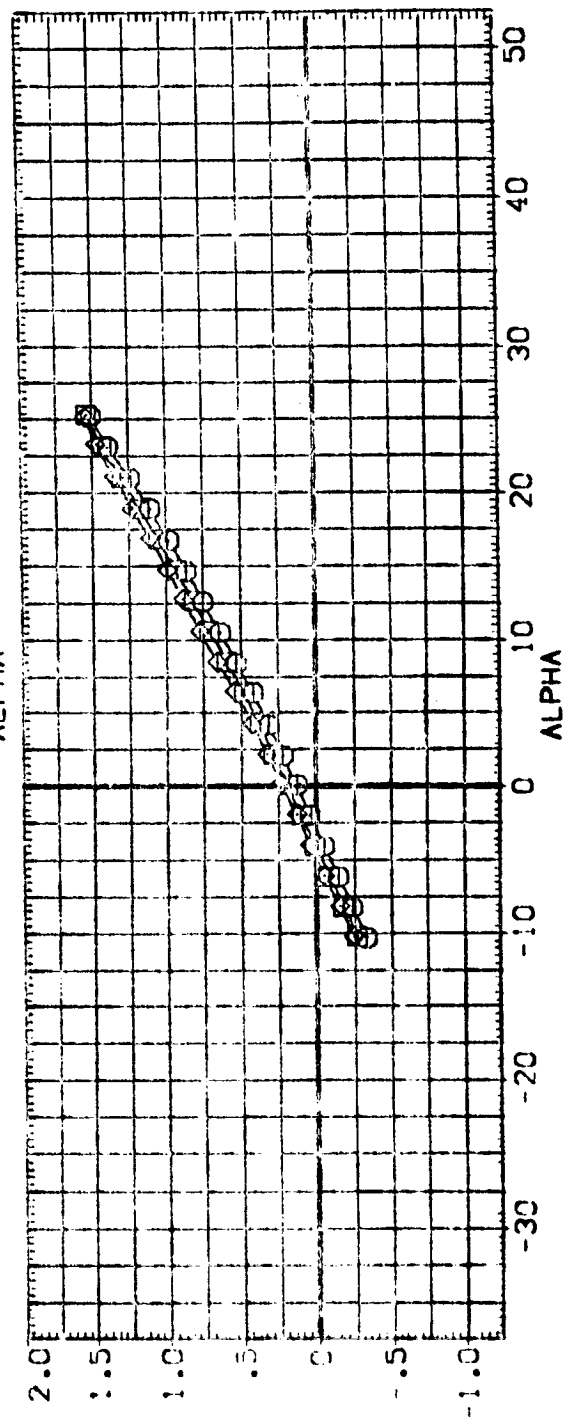
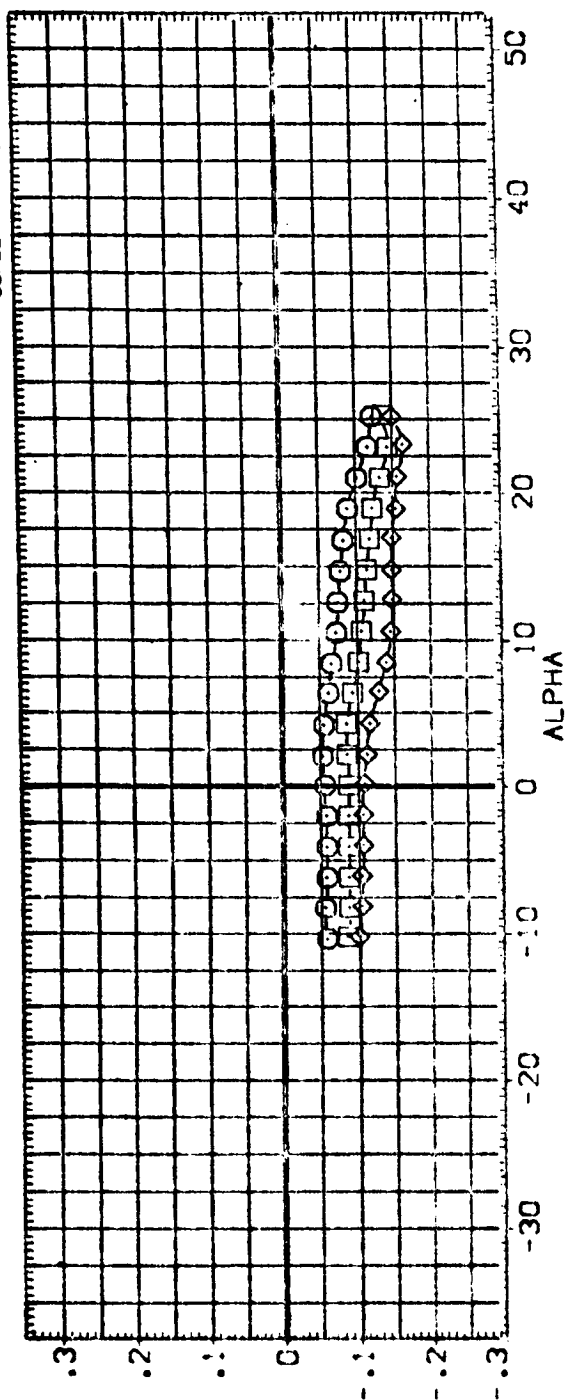


FIG 20 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=+20

(A)MACH = .20

DATA SET SYMBOL CONFIGURATION DESCRIPTION REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO	SREF	2690.0100	50.01
[B9146]	CA1198 B62C12F10M16A28V127E55V8 R5 X9	.000	20.000	20.000	.000	LREF	474.8100	INC-ES
[B9147]	CA1198 B62C12F10M16A28V127E55V8 R5 X9	10.000	20.000	20.000	10.000	BREF	936.6800	INC-ES
[B9148]	CA1198 B62C12F10M16A28V127E55V8 R5 X9	20.000	20.000	20.000	20.000	XREF	1076.6800	INC-ES
						YREF	.0000	INC-ES
						ZREF	375.0000	INC-ES
						SCALE	.0105	SCALE

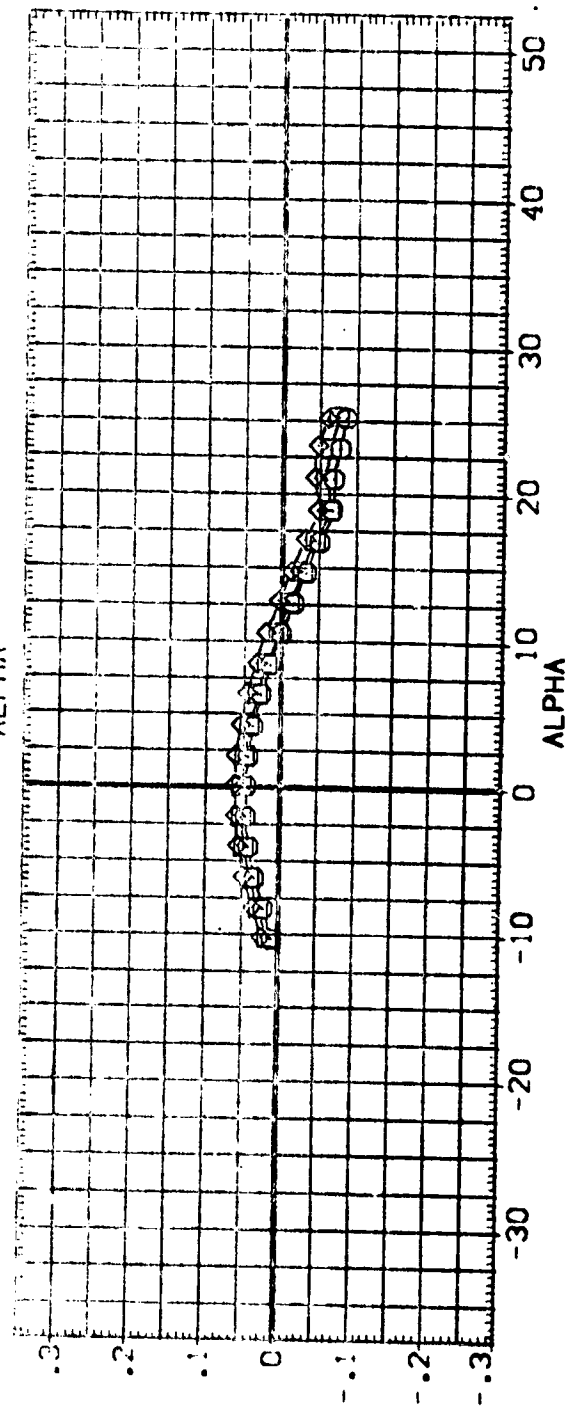
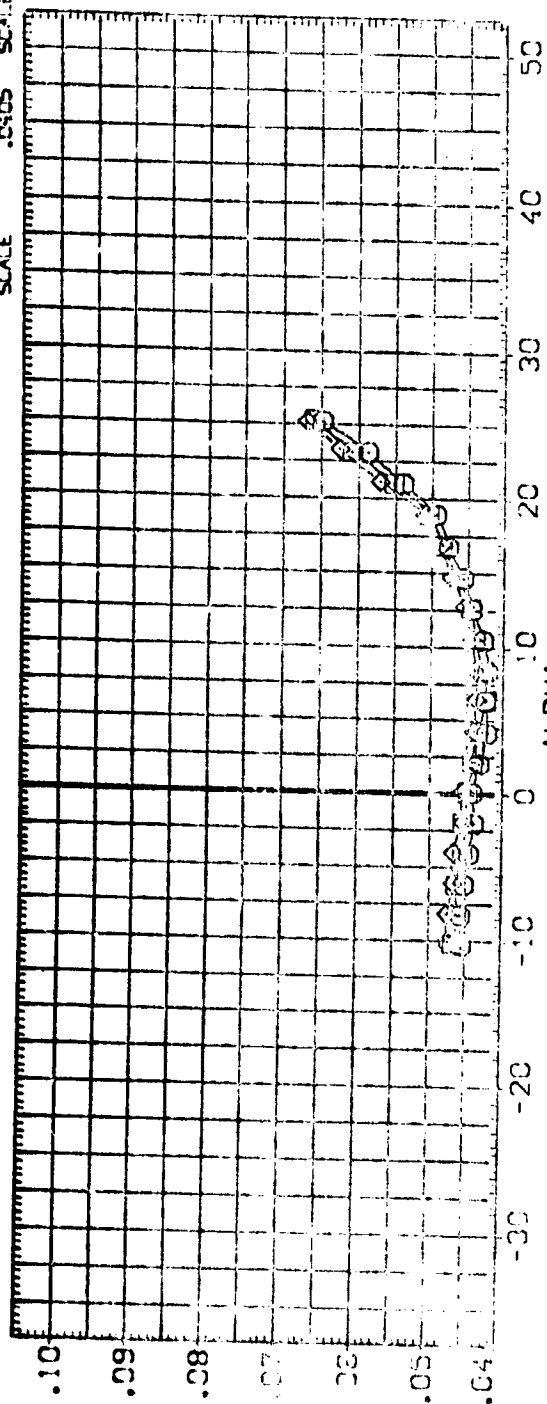


FIG 20 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=+20

[A]MACH = .20



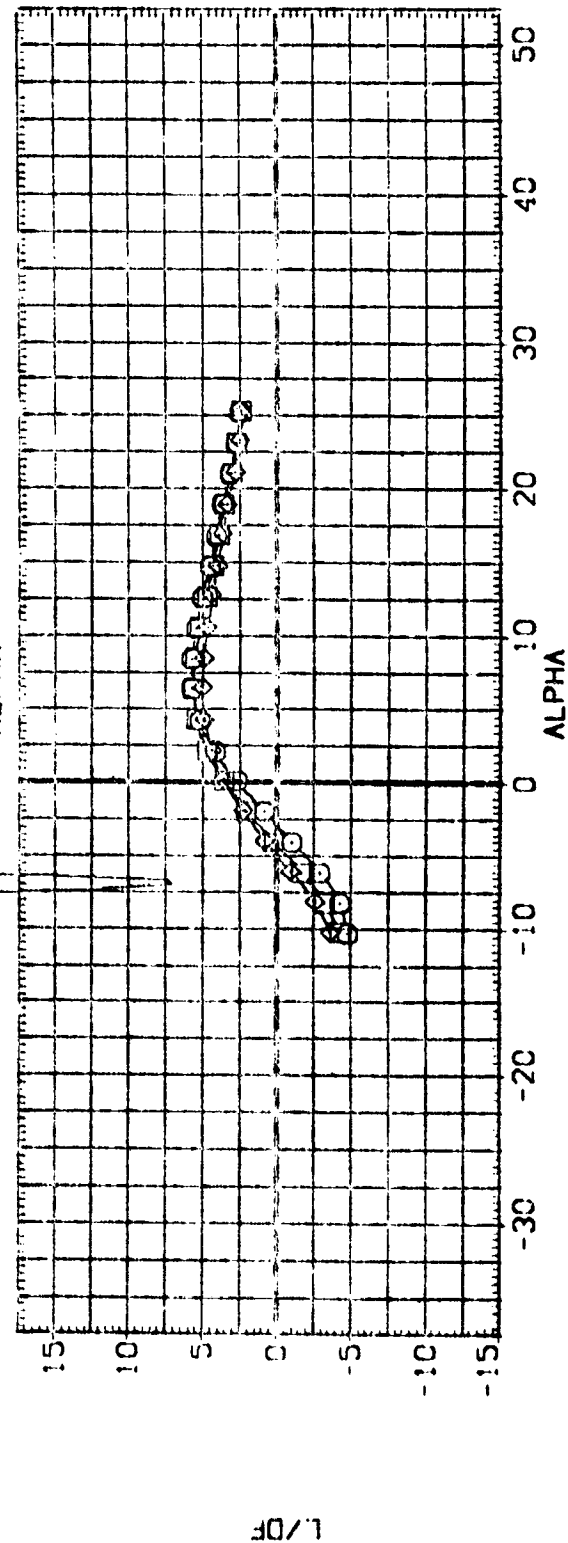
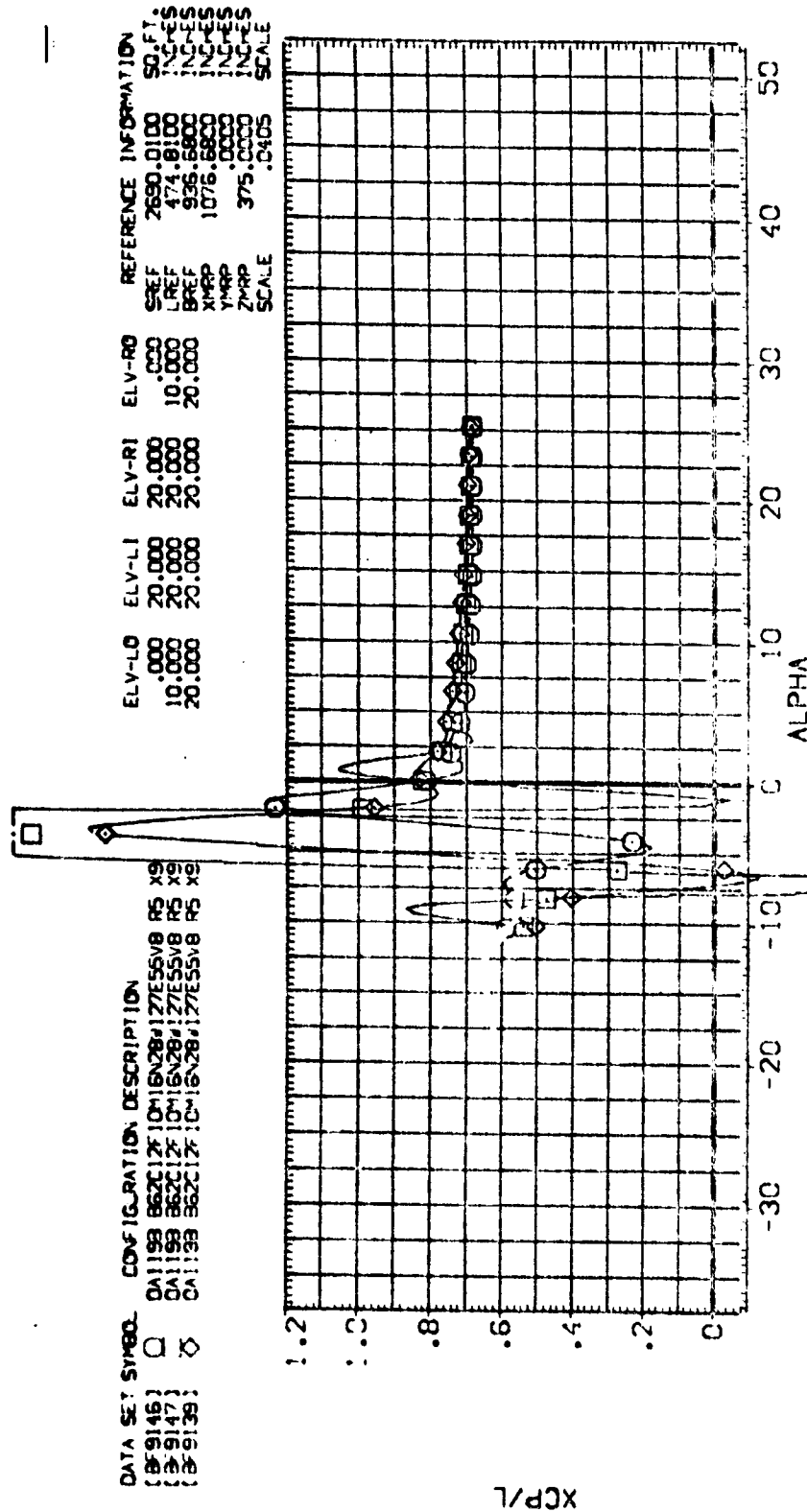


FIG 20 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=+20

(A)YAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
(B-9145)	DA1158 B6Z12F DM16N28V1Z7E55V8 RS X9	.000	20.000	20.000	.000	SREF 2690.0100 50. FT
(B-9147)	DA1158 B6Z12F DM16N28V1Z7E55V8 RS X9	10.000	20.000	20.000	10.000	LREF 474.8100 INCHES
(B-9139)	DA1158 B6Z12F DM16N28V1Z7E55V8 RS X9	20.000	20.000	20.000	20.000	BREF 936.6800 INCHES
						XMRP 1076.6800 INCHES
						YMRP .0000 INCHES
						ZMRP 375.0000 INCHES
						SCALE .0400 INCHES

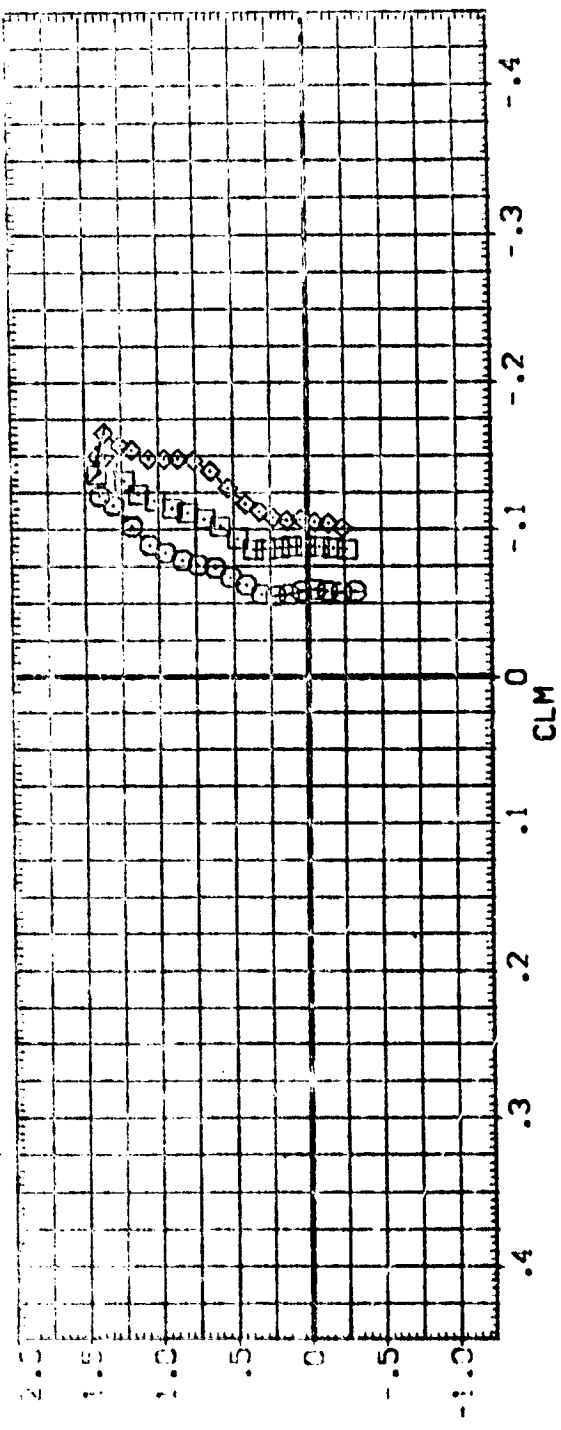
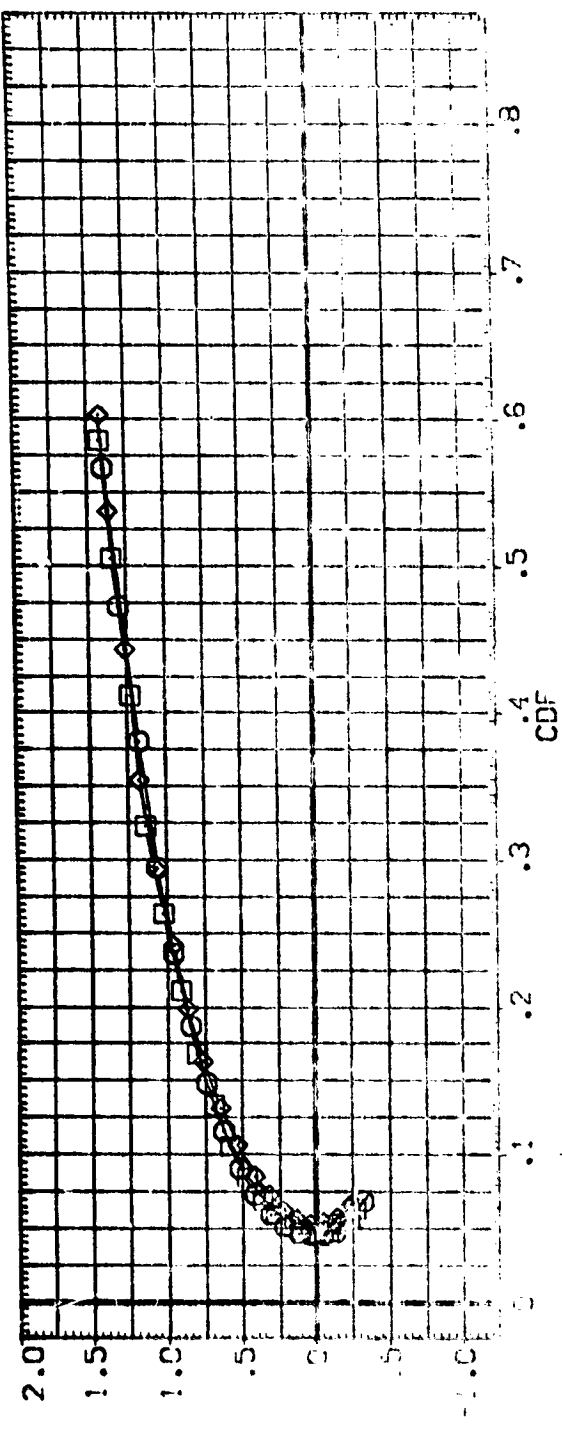


FIG 20 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=+20

(A)MACH = .20



DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (#9146) 01198 862012F 101628127E55V8 RS X9
 (#9147) 01198 862012F 101628127E55V8 RS X9
 (#9149) 01198 862012F 101628127E55V8 RS X9

ELV-L0 ELV-L1 ELV-R1 ELV-R0
 .000 20.000 20.000 20.000
 10.000 20.000 20.000 20.000
 20.000 20.000 20.000 20.000

REFERENCE INFORMATION
 SREF 2690.0100 SQ.FT.
 LREF 474.8100 INCHES
 BREF 936.6800 INCHES
 XREF 1076.6800 INCHES
 YREF .0000 INCHES
 ZREF 375.0000 INCHES
 SCALE .0425

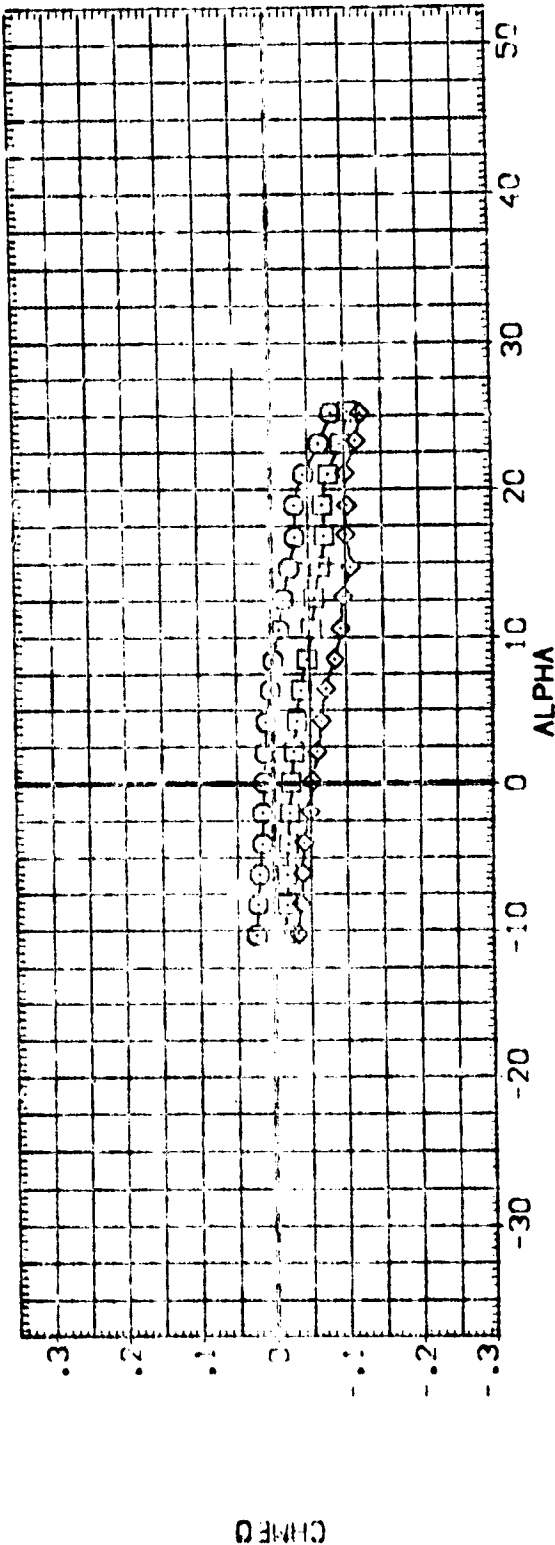
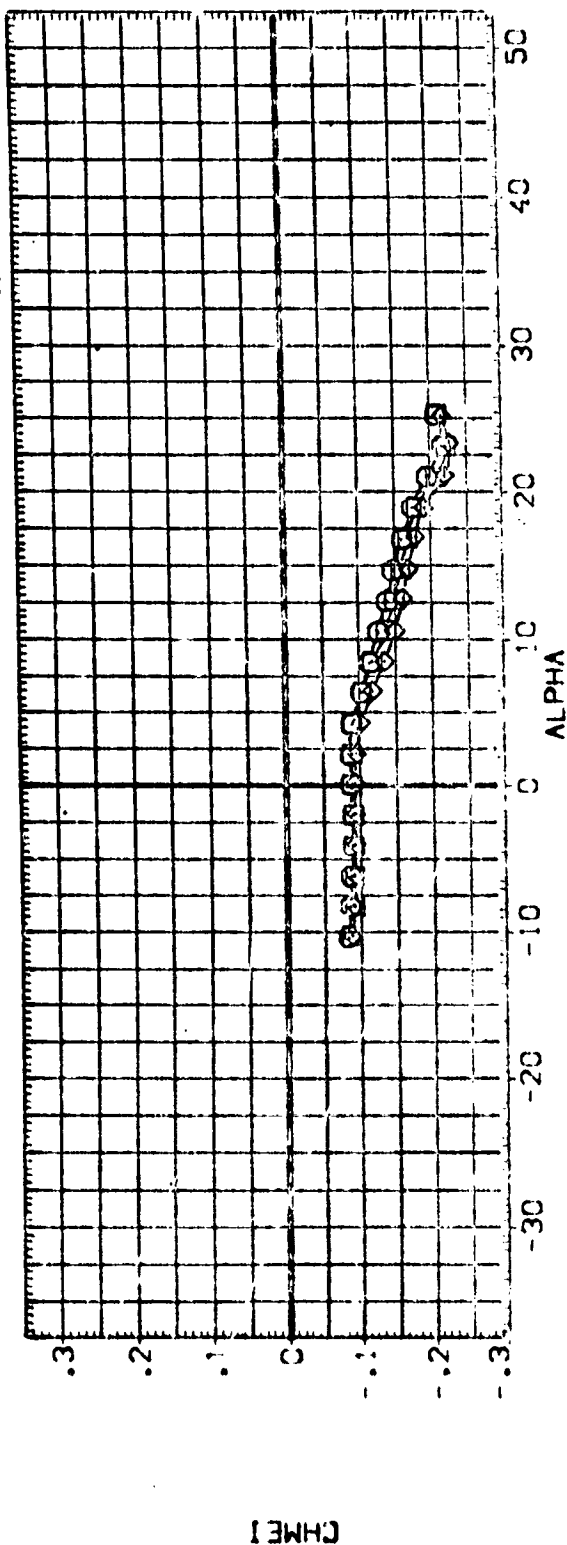


FIG 20 ESS OUTBOARD ELEVON EFFECTIVENESS, EI=+20

(A)YACH = .20

DATA SET SYMBOL: [3-9]74 }
 [3-9]03 }
 [3-9]06 }

CONFIGURATION DESCRIPTION:
 DA1138 862C12F 10M18N28M127E55V8 R5 X9
 DA1138 862C12F 10M18N28M127E55V8 R5 X9
 DA1138 862C12F 10M18N28M127E55V8 R5 X9

REFERENCE INFORMATION:
 SREF 2650.0100 SQ.FT.5
 LREF 474.8100
 BREF 936.8800
 XMRP 1076.0000
 YMRP 0.0000
 ZMRP 375.0000
 SCALE .0405

ELV-L0 ELV-L1 ELV-R1 ELV-R0
 .000 15.000 15.000 15.000
 5.000 15.000 15.000 15.000
 15.000 15.000 15.000 15.000

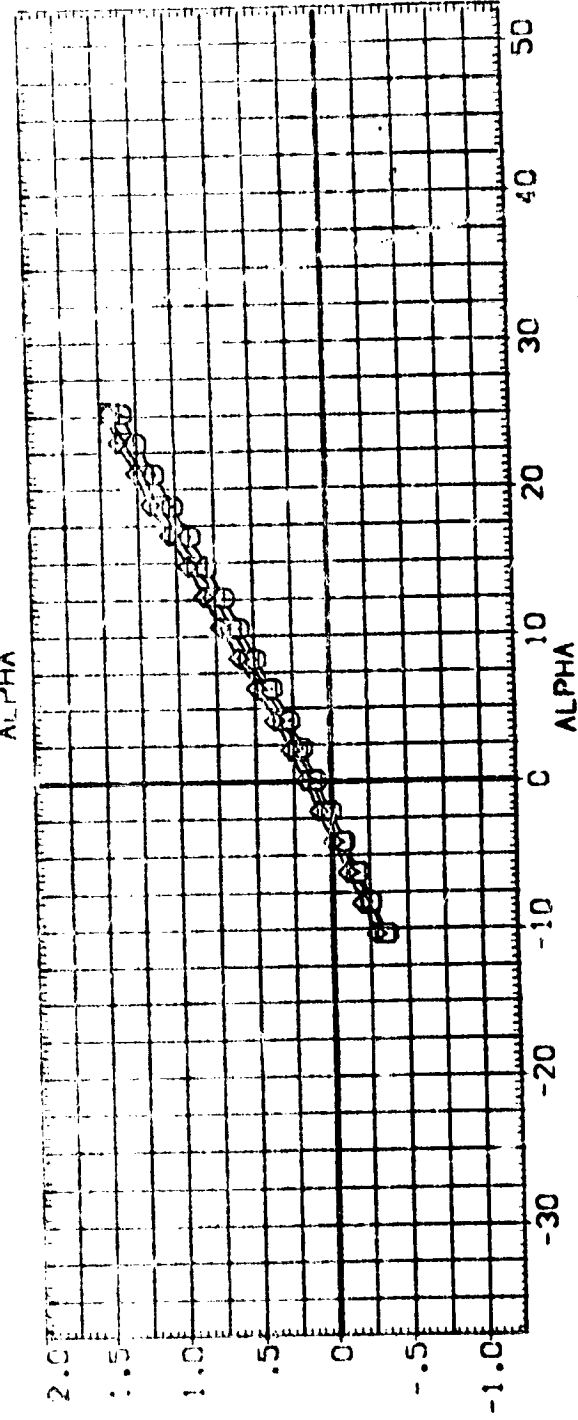
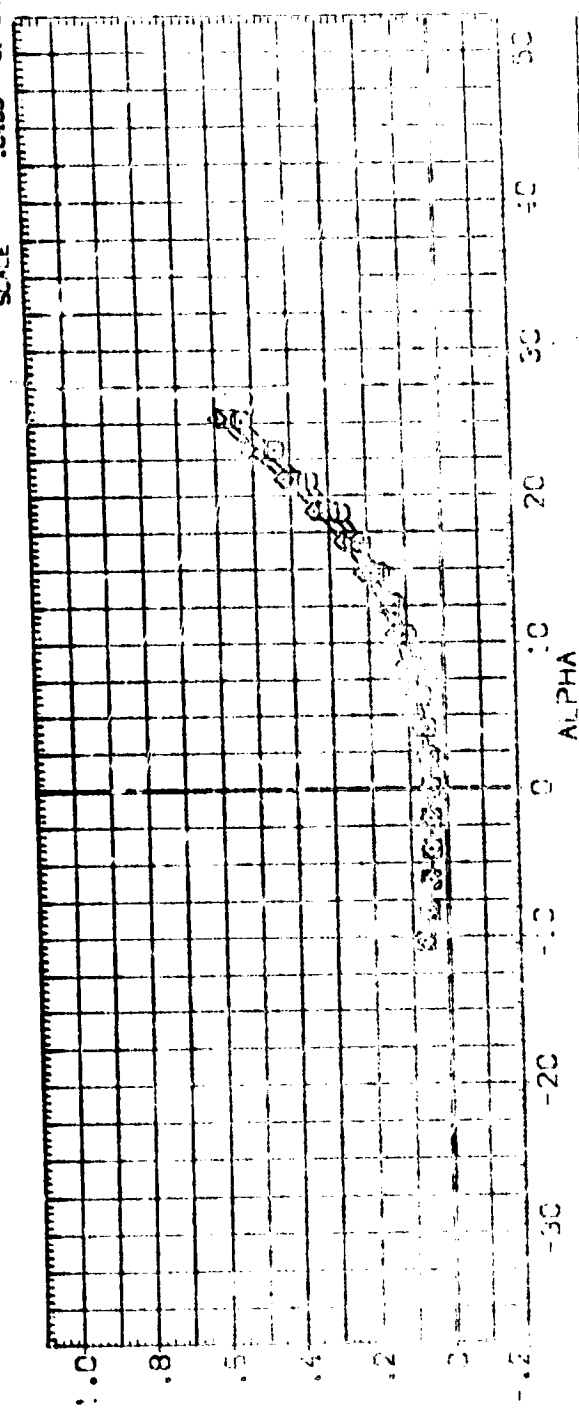


FIG 21 E55 OUTBOARD ELEVON EFFECTIVENESS. EI=+15

(MACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LO	ELV-LI	ELV-RI	ELV-RO	REFERENCE INFORMATION
(B) 9174	0A1198 862212 10M16N28M17E55V8 RS X9	.000	15.000	15.000	.000	SREF 2690.0100 50 FT
(B) 9105	0A1198 862212 10M16N28M17E55V8 RS X9	5.000	15.000	15.000	5.000	LREF 474.8100 100 FT
(B) 9106	0A1198 862212 10M16N28M17E55V8 RS X9	15.000	15.000	15.000	15.000	BREF 936.8600 100 FT
						XREF 1076.8300 100 FT
						YREF 375.0000 100 FT
						ZREF 375.0000 100 FT
						SCALE 1:1

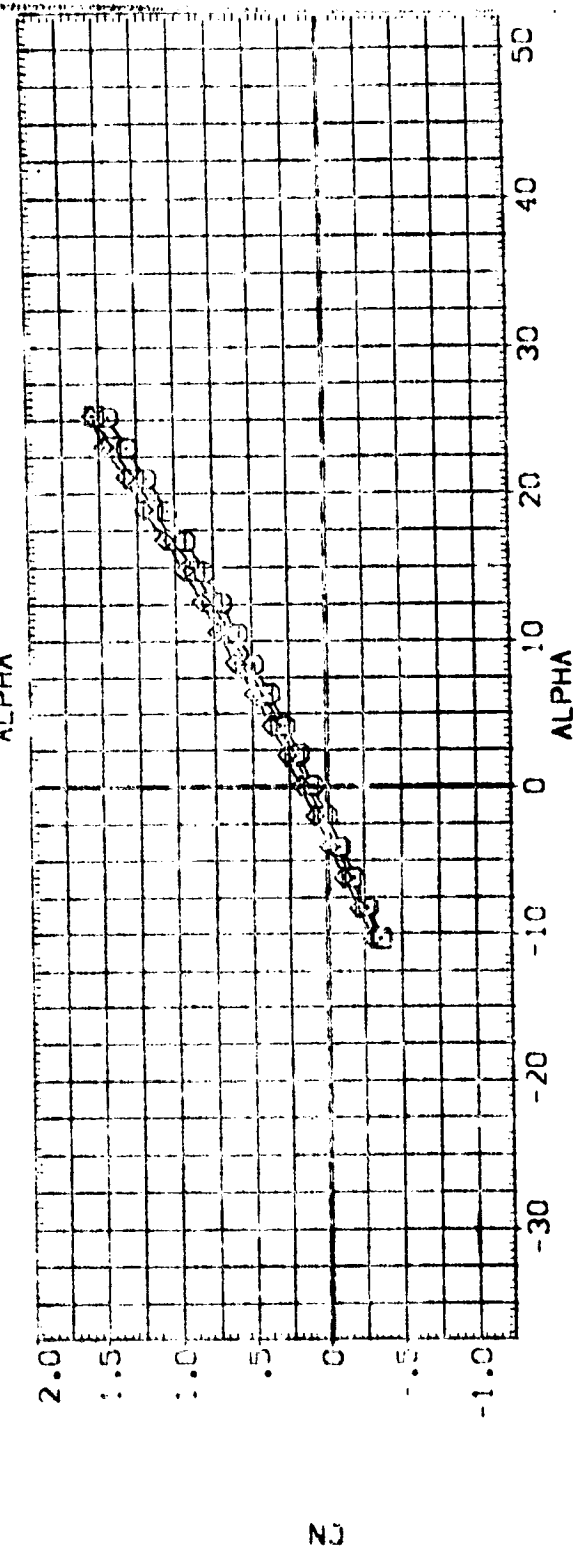
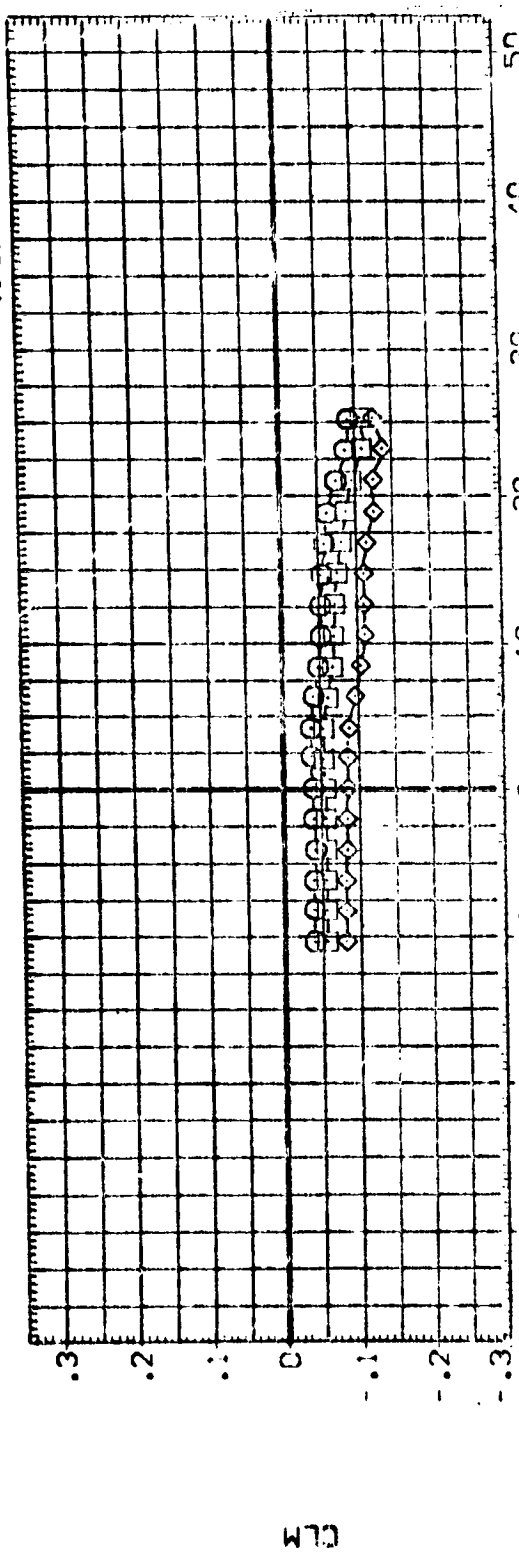


FIG 21 E55 OUTBOARD ELEVON EFFECTIVENESS. EI=+15

(A)MACH = .20

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (8-9174) Q 0A1198 862C12F 10M16N28V127E55V8 RS X9
 (8-9175) Q 0A1199 862C12F 10M16N28V127E55V8 RS X9
 (8-9176) Q 0A1199 862C12F 10M16N28V127E55V8 RS X9

CONFIGURATION DESCRIPTION

ELV-L0 ELV-L1 ELV-R1 ELV-R0
 .000 15.000 15.000 .000
 5.000 15.000 5.000 15.000
 15.000 15.000 15.000 15.000

REFERENCE INFORMATION
 SREF 2690.0100 SC.FT.
 LREF 474.8100 INCHES
 BREF 936.8800 INCHES
 XMRP 1076.8800 INCHES
 YMRP .0000 INCHES
 ZMRP 375.0000 INCHES
 SCALE .0405

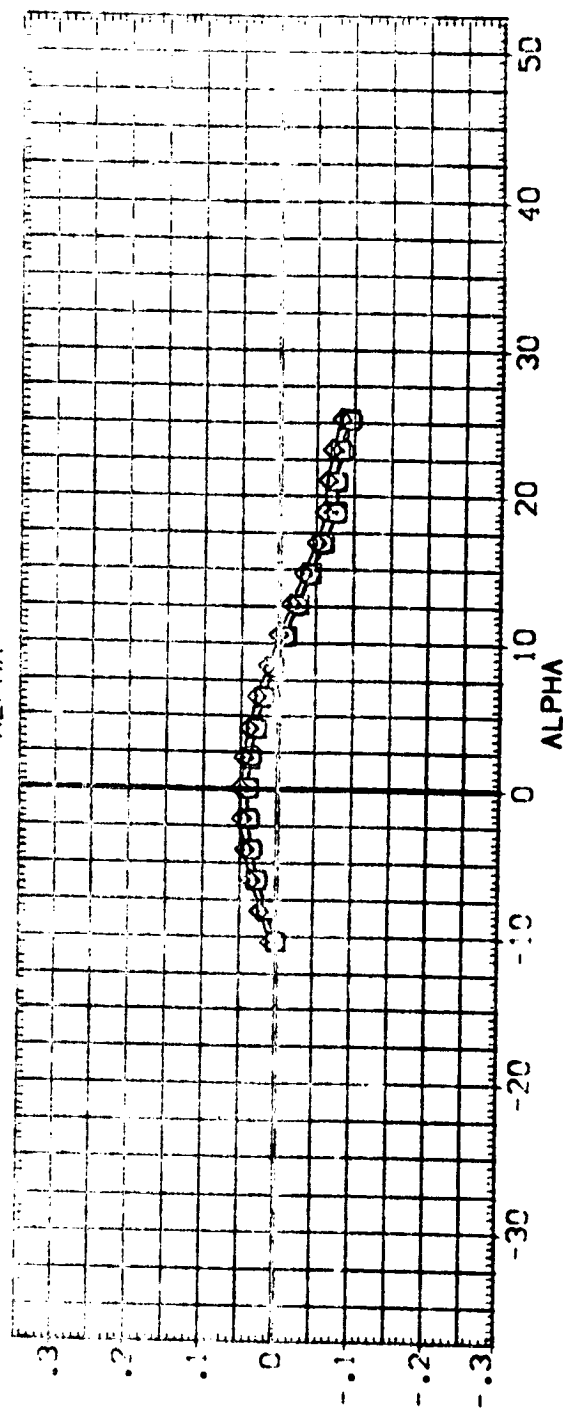
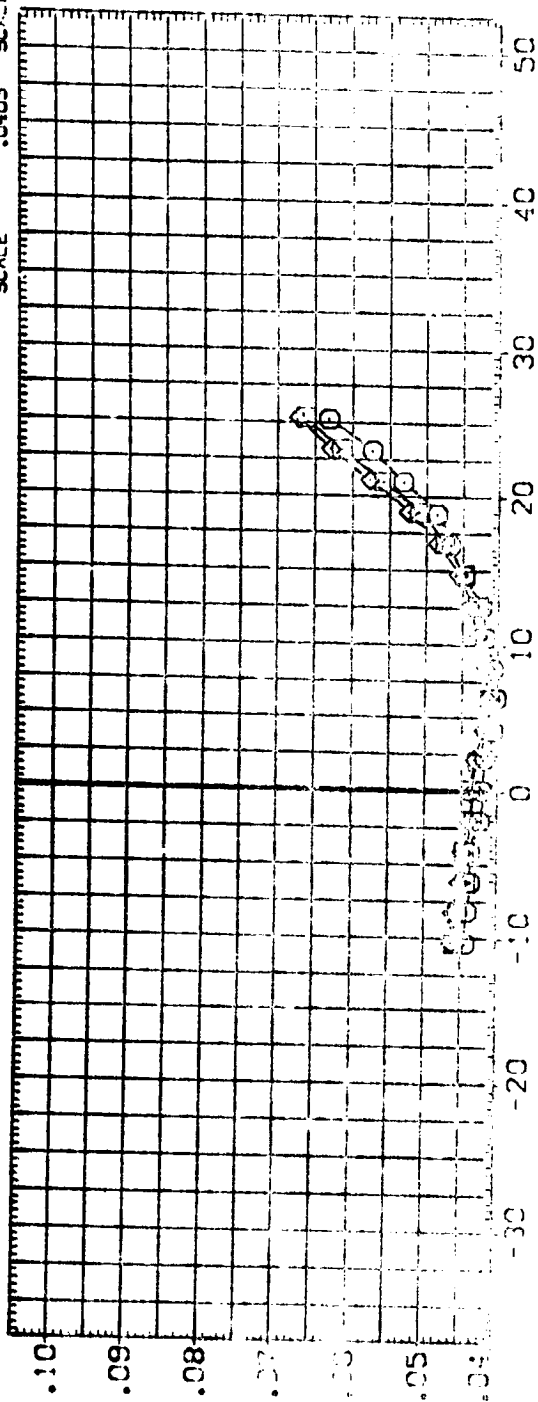


FIG 21 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=+15

(A)MACH = .20

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DATA SET SYMBOL CONFIGURATION DESCRIPTION

(B) 9174
 (B) 9153
 (B) 9158
 OA 1198 8620 27 10 16 28 127 55 8 R5 X9
 OA 1198 8620 27 10 16 28 127 55 8 R5 X9
 OA 1198 8620 27 10 16 28 127 55 8 R5 X9

ELV-LD	ELV-LI	ELV-RI	ELV-RD	REFERENCE INFORMATION
.000	15.000	15.000	.000	SREF 2690.0100 SC.FT.
5.000	15.000	5.000	5.000	LREF 474.8100 INCHES
15.000	15.000	15.000	15.000	BREF 936.8800 INCHES
				XPROP 1076.8800 INCHES
				YPROP .0000 INCHES
				ZPROP 375.0000 INCHES
				SCALE .0125 INCHES

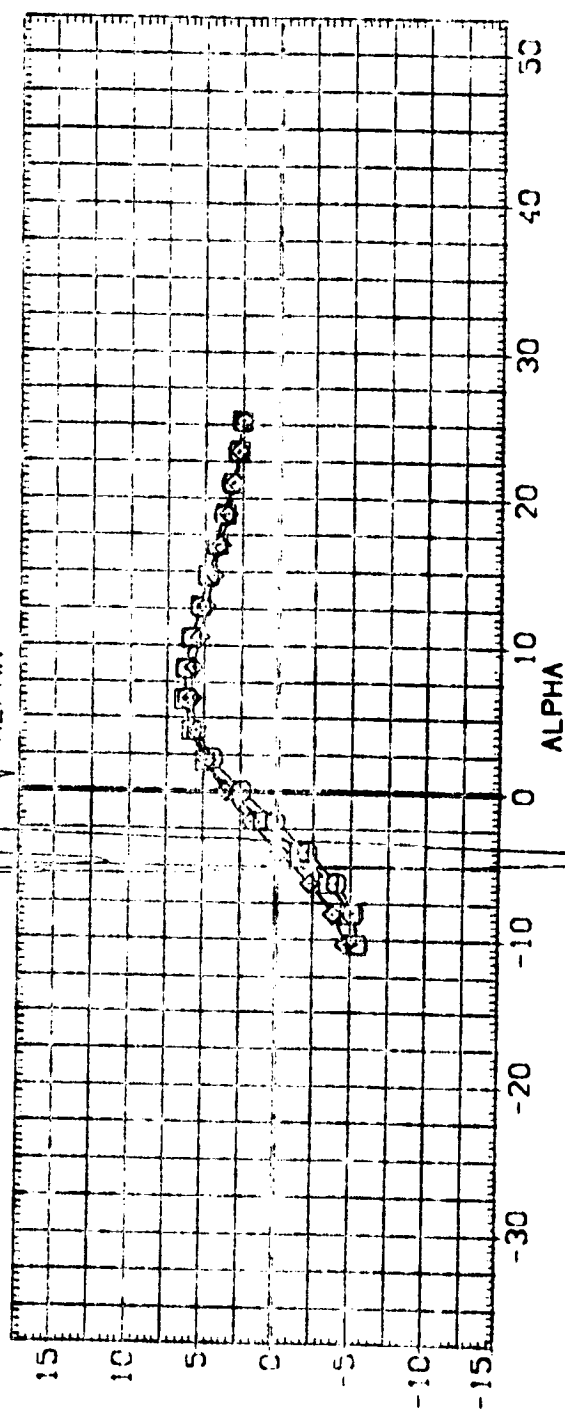
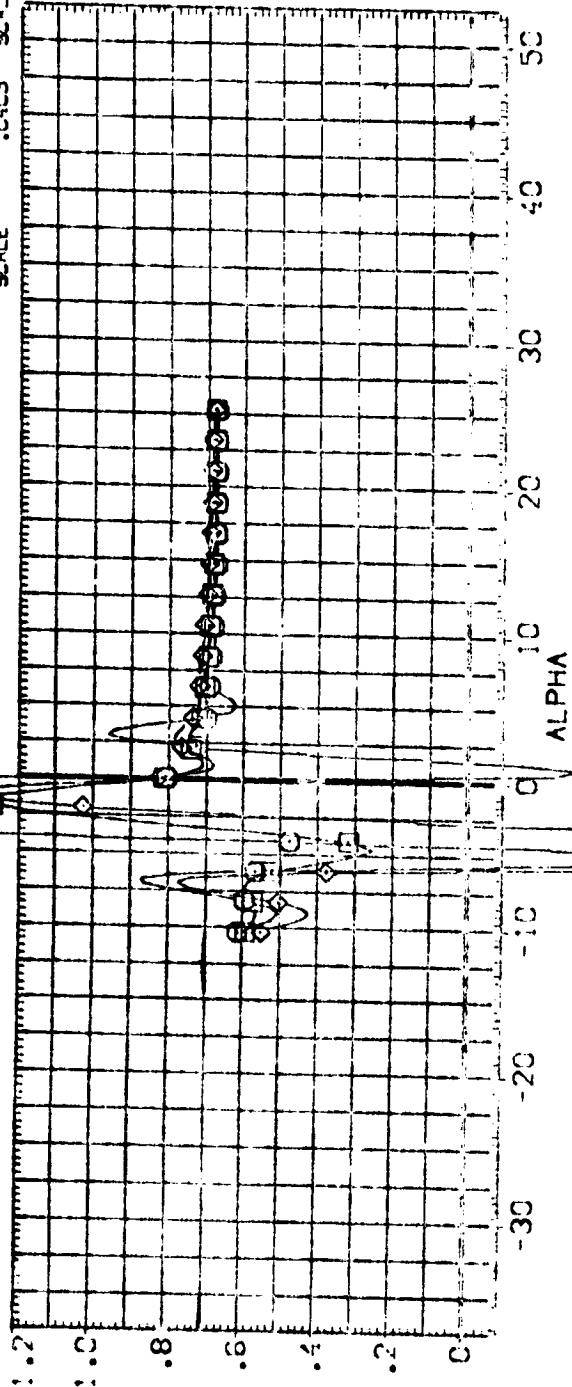


FIG 21 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=+15

(A) MACH = .20

DATA SET SYMBOL: CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
[B9174]	0A1198 862C12F10H16N28M127E55V8 RS X9	.000	15.000	15.000	.000	SREF 2690.0100 SQ.FT.
[B9175]	0A1198 862C12F10H16N28M127E55V8 RS X9	5.000	15.000	15.000	5.000	LREF 474.8100 INCHES
[B9176]	0A1198 862C12F10H16N28M127E55V8 RS X9	15.000	15.000	15.000	15.000	BREF 936.6800 INCHES
						YREF 1076.6900 INCHES
						ZREF 0.000 INCHES
						SCALE 375.0000 INCHES

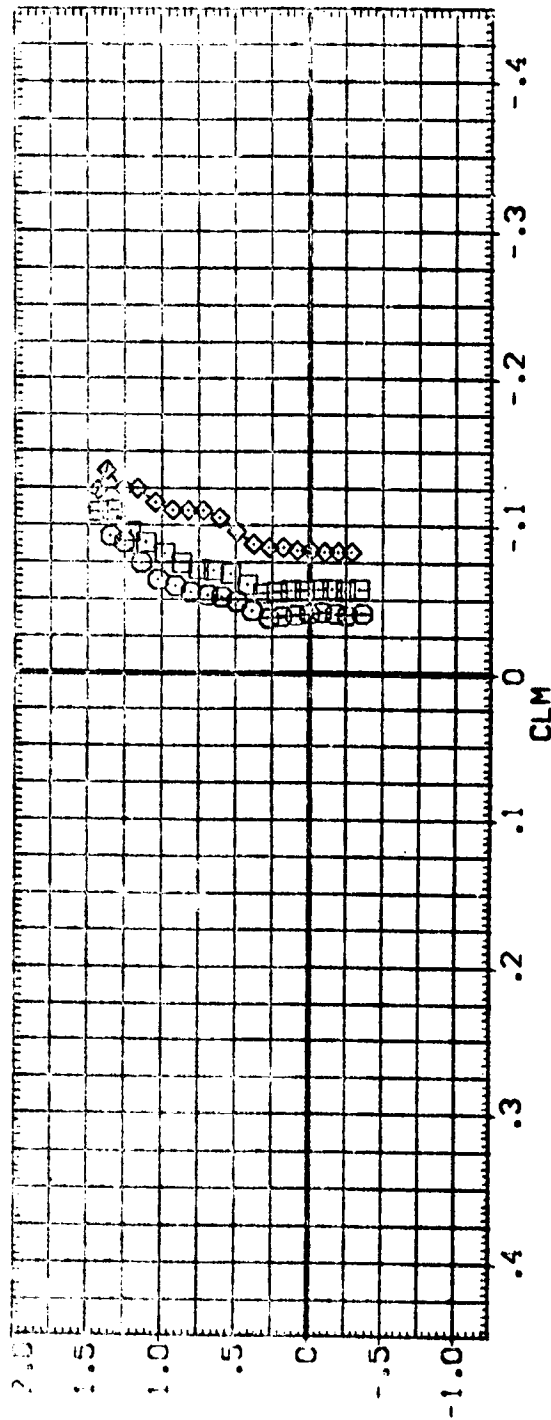
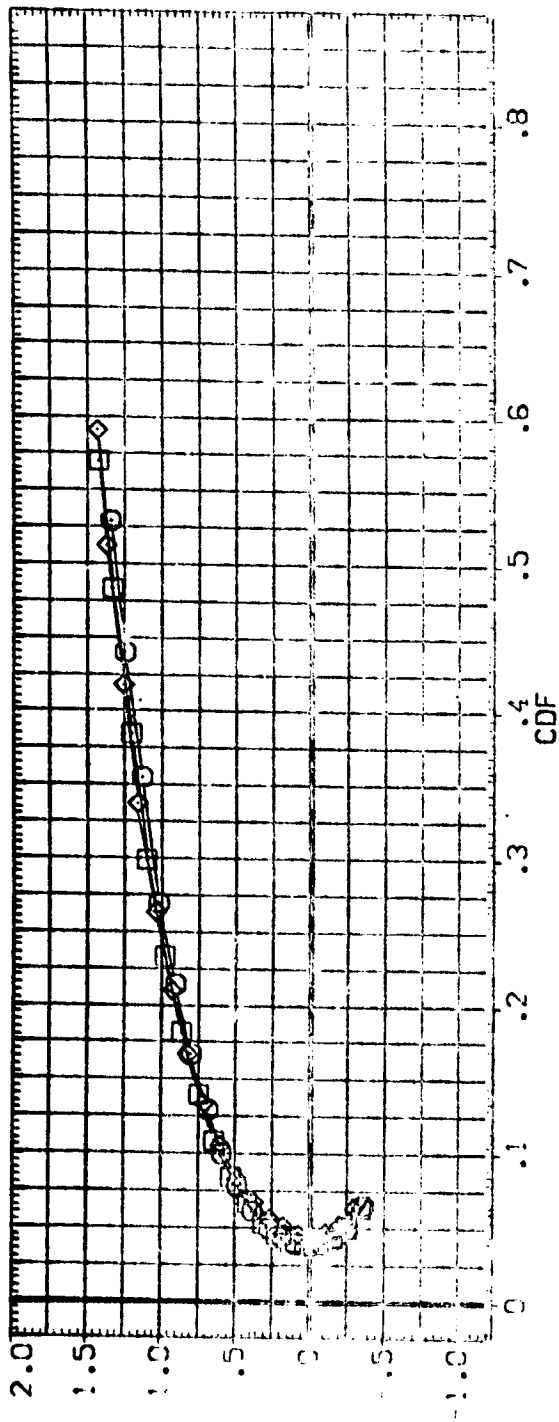


FIG 21 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=15

(A)MACH = .20



DATA SET SYMBOL CONFIGURATION DESCRIPTION REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REF	SCALE
(#9174)	DA1193 862C12F 10-16N28-127E55V8 RS X9	.000	15.000	15.000	.000	2690.0100	50.FT.
(#9105)	DA1193 862C12F 10-16N28-127E55V8 RS X9	5.000	15.000	15.000	5.000	474.8100	INCHES
(#9106)	DA1193 862C12F 10-16N28-127E55V8 RS X9	15.000	15.000	15.000	15.000	936.8800	INCHES
						1076.8800	INCHES
						.0000	INCHES
						375.0000	INCHES
						.0405	SCALE

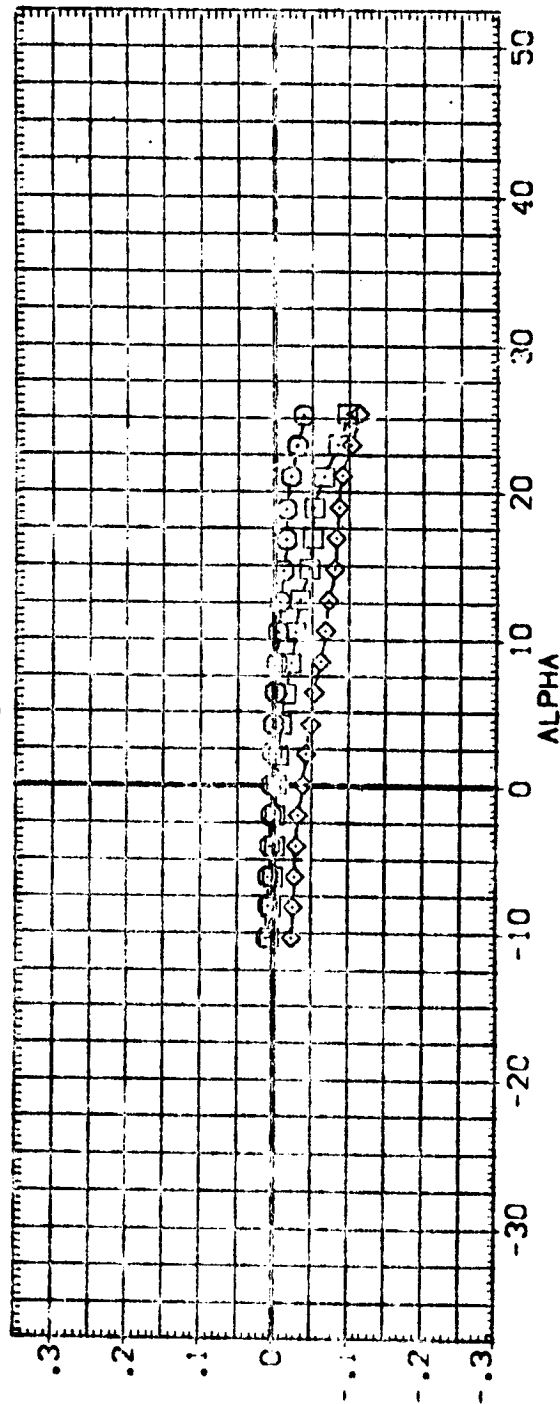
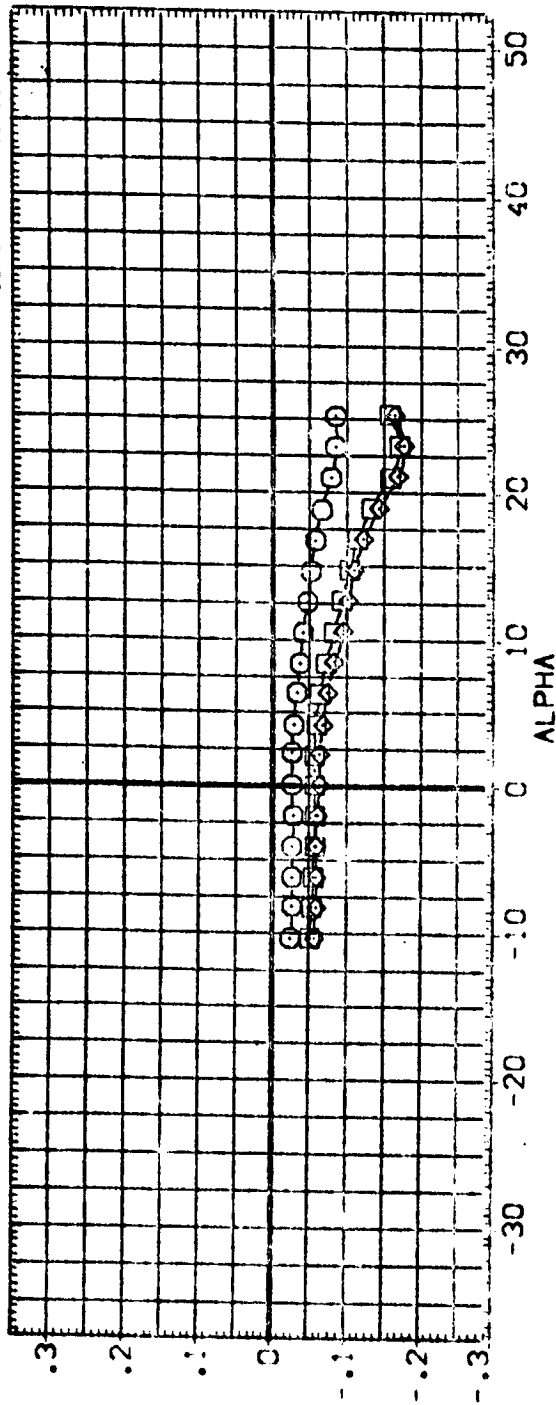


FIG 21 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=+15

(A)MACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
[BF 9100]	CA1198 862C12F10M16N28M127E55V8 R5 X9	.000	10.000	10.000	.000	SREF 2690.0100 SO.FT.
[BF 9103]	CA1198 862C12F10M16N28M127E55V8 R5 X9	5.000	10.000	10.000	5.000	LREF 474.8100 INCHES
[BF 9107]	CA1198 862C12F10M16N28M127E55V8 R5 X9	10.000	10.000	10.000	10.000	BREF 936.6800 INCHES
[BF 9102]	CA1198 862C12F10M16N28M127E55V8 R5 X9	20.000	10.000	10.000	20.000	XREF 1076.6800 INCHES
						YREF 375.0000 INCHES
						ZREF .0405 SCALE

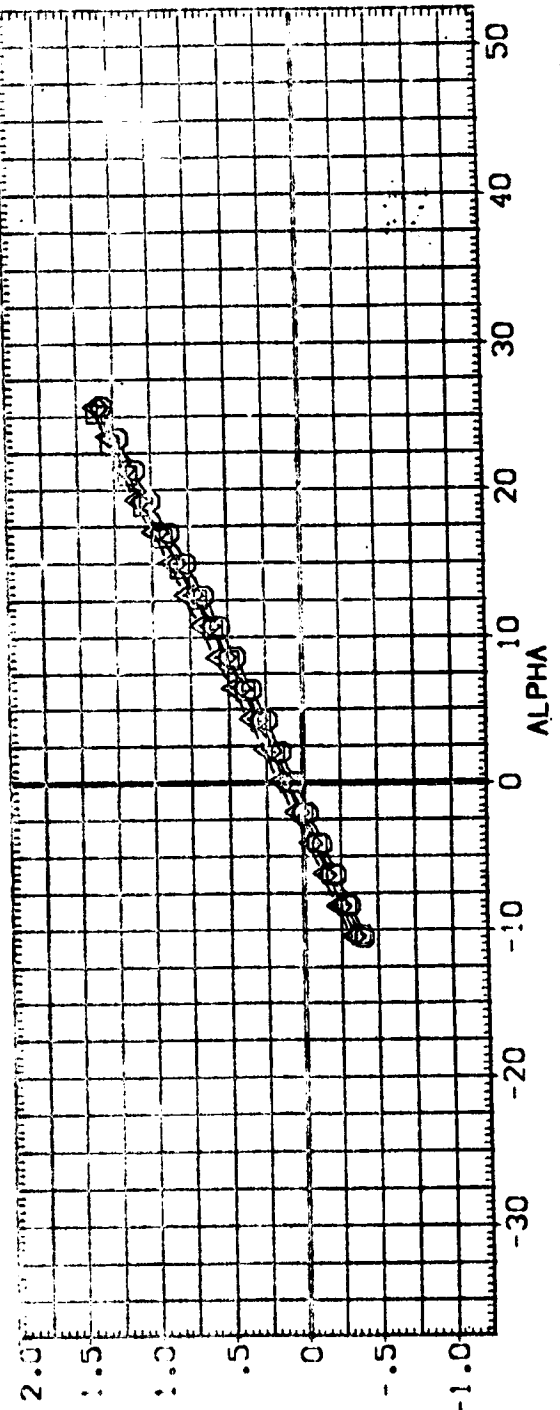
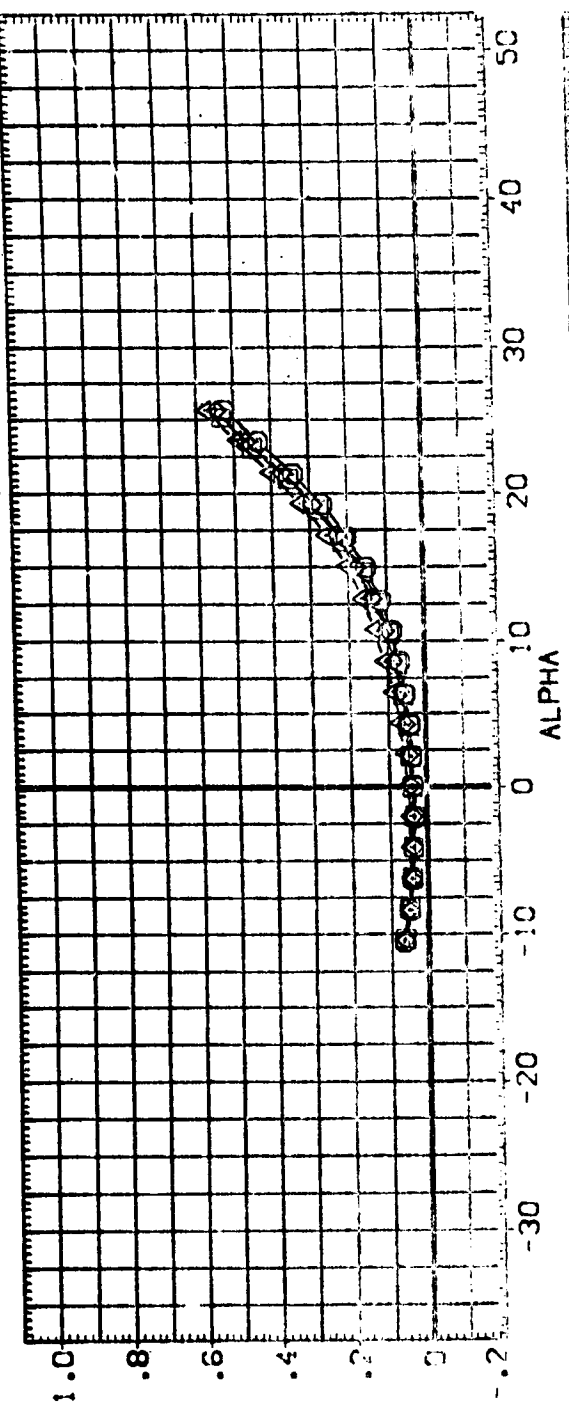


FIG 22 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=+10

(A)MACH = .26

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
(BF 9100)	DA 1193 B62C 12F 10M 16A28V 127E55V8 R5 X9	.000	10.000	10.000	.000	SREF 2690.0100 50. FT.
(BF 9103)	DA 1193 B62C 12F 10M 16A28V 127E55V8 R5 X9	5.000	10.000	10.000	5.000	LREF 474.8100 INCHES
(BF 9107)	CA 1193 B62C 12F 10M 16A28V 127E55V8 R5 X9	10.000	10.000	10.000	10.000	BREF 936.6800 INCHES
(BF 9102)	CA 1193 B62C 12F 10M 16A28V 127E55V8 R5 X9	20.000	10.000	10.000	20.000	XMRP 1076.6800 INCHES
						YMRP 375.0000 INCHES
						SCALE .0005

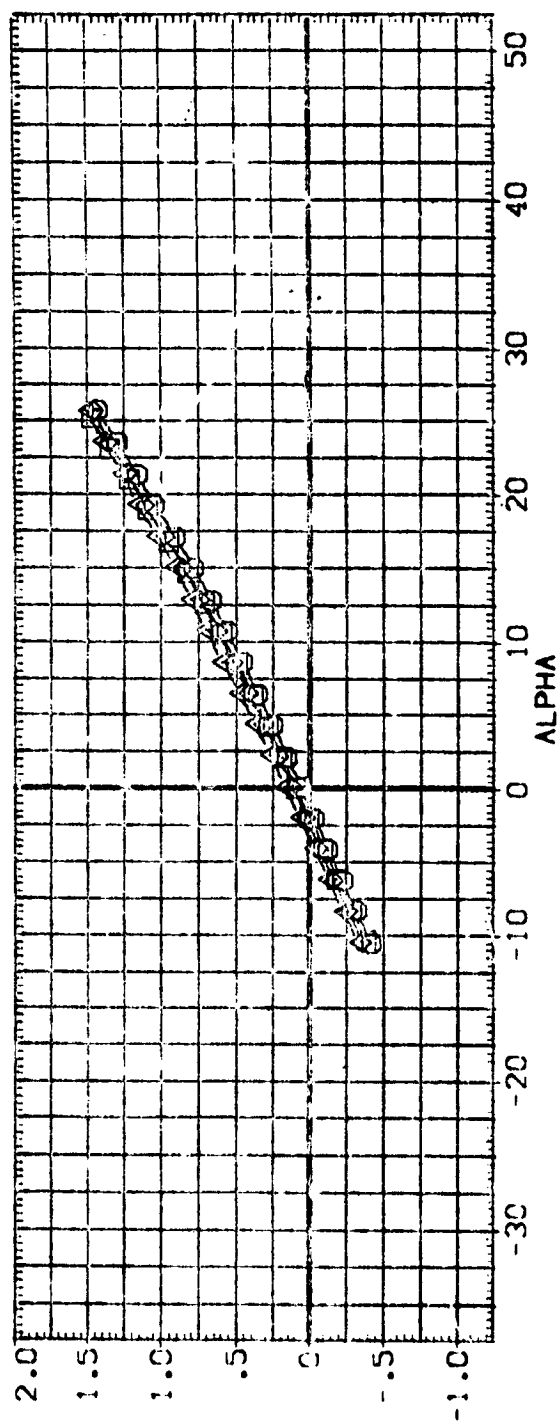
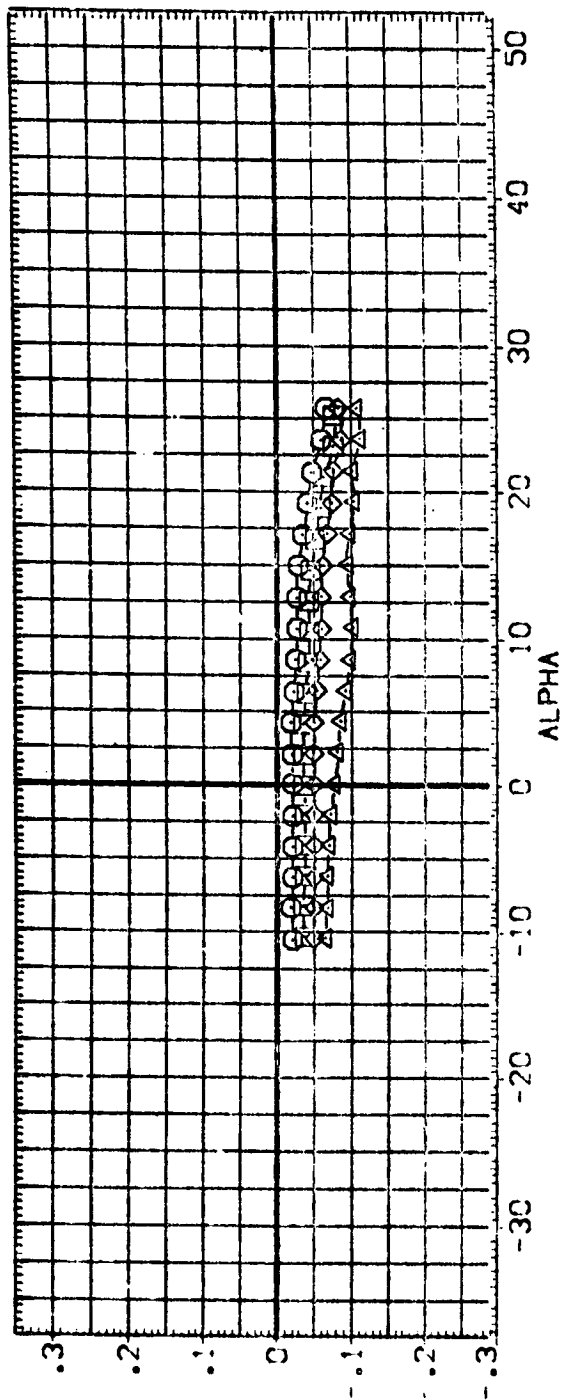


FIG 22 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=+10

(A) *ACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LB	ELV-LI	ELV-RI	ELV-RO	REFERENCE INFORMATION
[B-9100]	DA1193 862C12F 10M16N28V127E55V8 R5 X9	.000	10.000	10.000	.000	SREF 2690.0100 50.FT.
[B-9103]	DA1193 862C12F 10M16N28V127E55V8 R5 X9	5.000	10.000	10.000	5.000	LREF 474.8170 INCHES
[B-9092]	DA1193 862C12F 10M16N28V127E55V8 R5 X9	10.000	10.000	10.000	10.000	BREF 956.6800 INCHES
[B-9102]	DA1193 862C12F 10M16N28V127E55V8 R5 X9	20.000	10.000	10.000	20.000	XMRP 1076.6800 INCHES
						YMRP .0000 INCHES
						ZMRP .0000 INCHES
						SCALE .0405

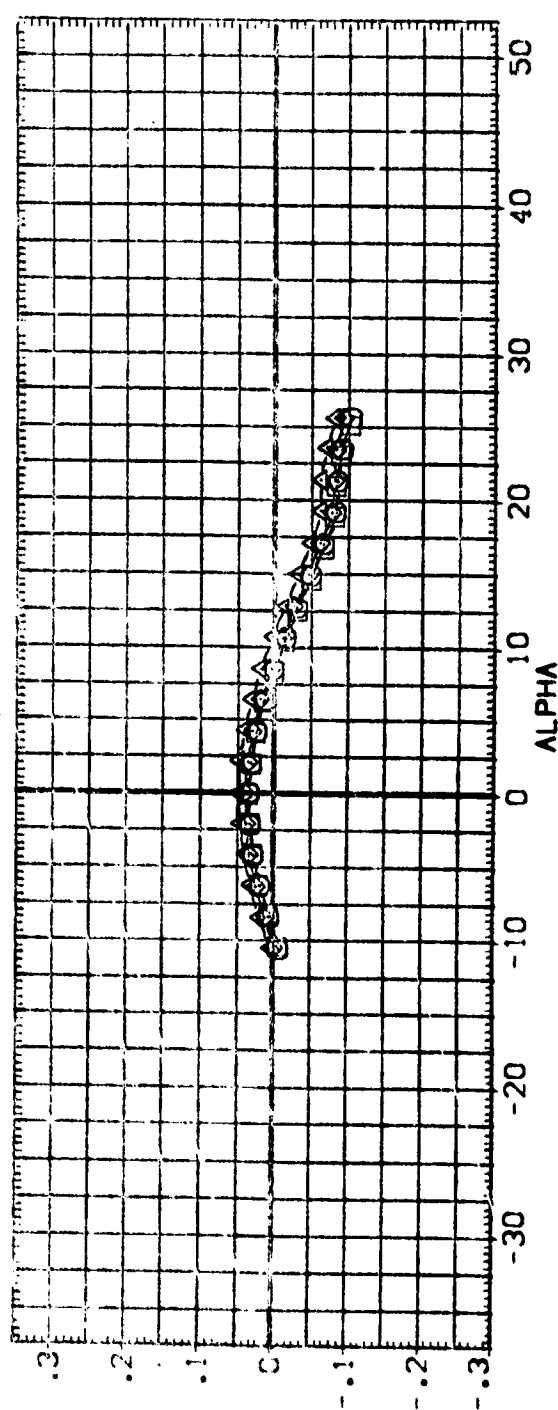
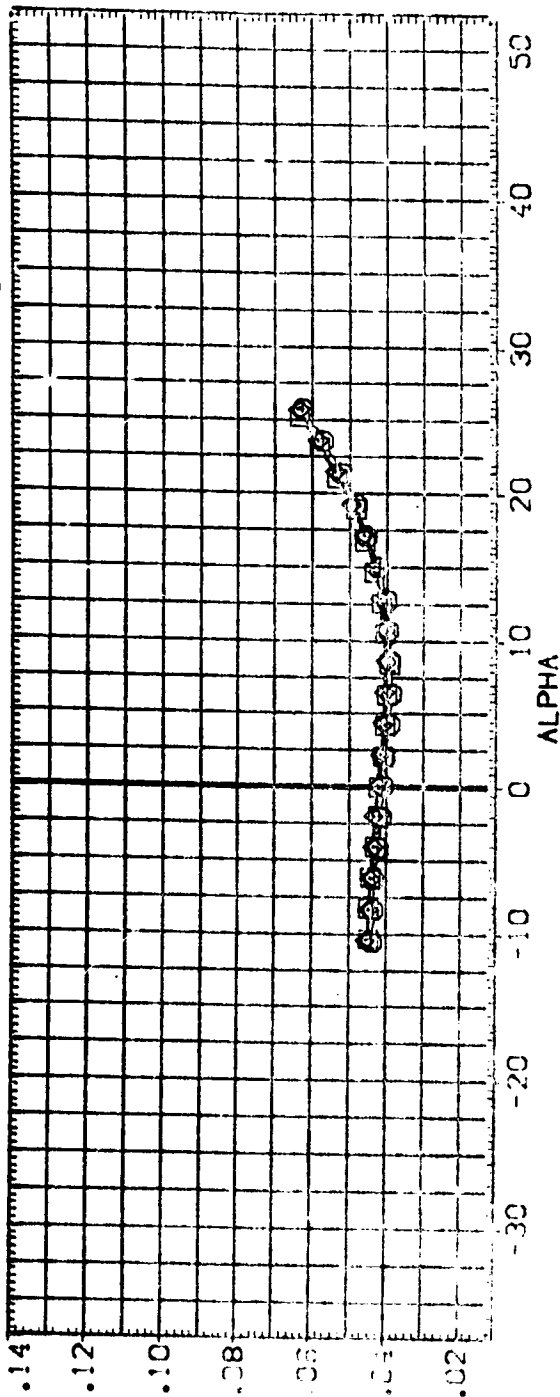


FIG 22 ESS OUTBOARD ELEVON EFFECTIVENESS. EI=+10

(A)MACH = .26



DATA SET SYMBO. CONFIGURATION DESCRIPTION

DATA SET SYMBO.	CONFIGURATION DESCRIPTION	ELV-LB	ELV-LI	ELV-RI	ELV-RO	REFERENCE INFORMATION
[89100]	DA1199 862C12F DM16N284127E55V8 RS X9	.000	10.000	10.000	.000	SREF 2690.0100 SQ.FT.
[89103]	DA1199 862C12F DM16N284127E55V8 RS X9	5.000	10.000	10.000	5.000	LREF 474.8100 INCHES
[89092]	DA1199 862C12F DM16N284127E55V8 RS X9	10.000	10.000	10.000	10.000	BREF 936.6800 INCHES
[89102]	DA1199 862C12F DM16N284127E55V8 RS X9	20.000	10.000	10.000	20.000	VMRP 1076.6800 INCHES
						ZMRP .0000 INCHES
						SCALE 375.0000 INCHES
						SCALE .0405

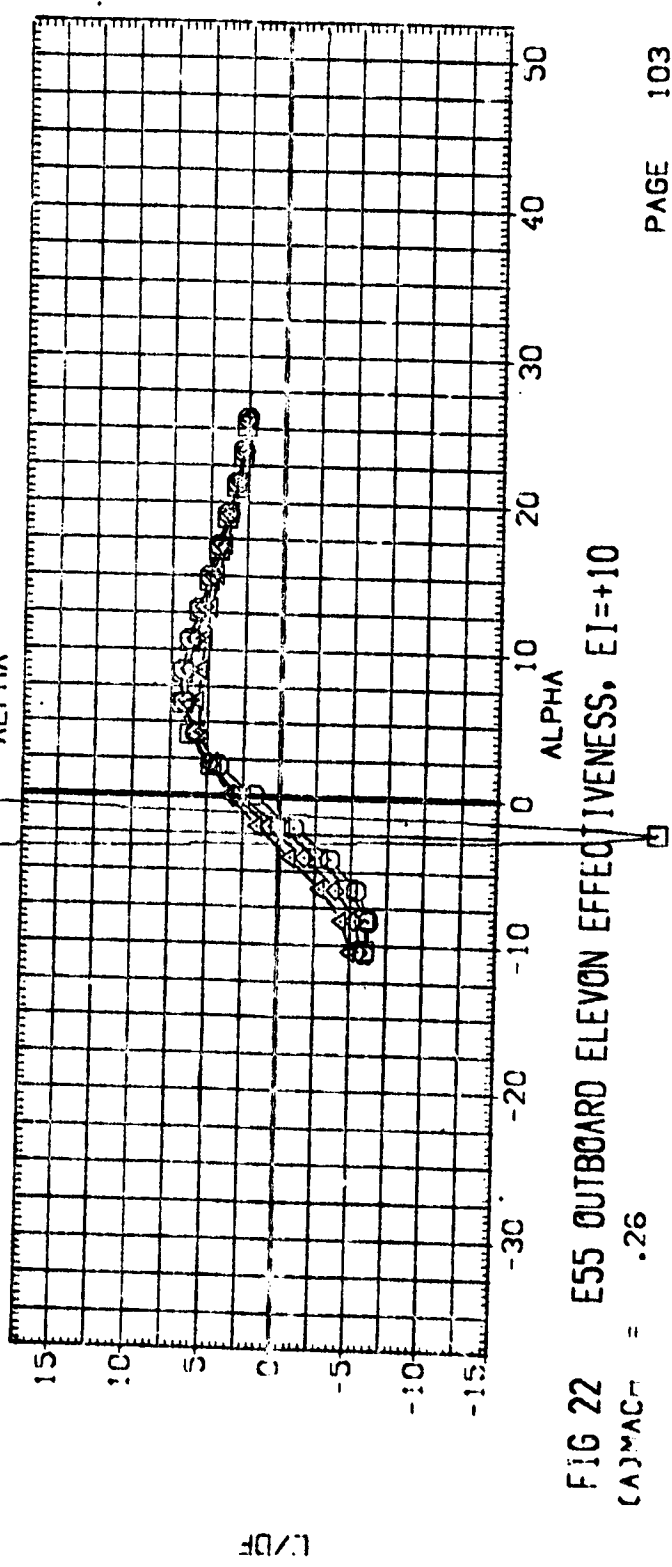
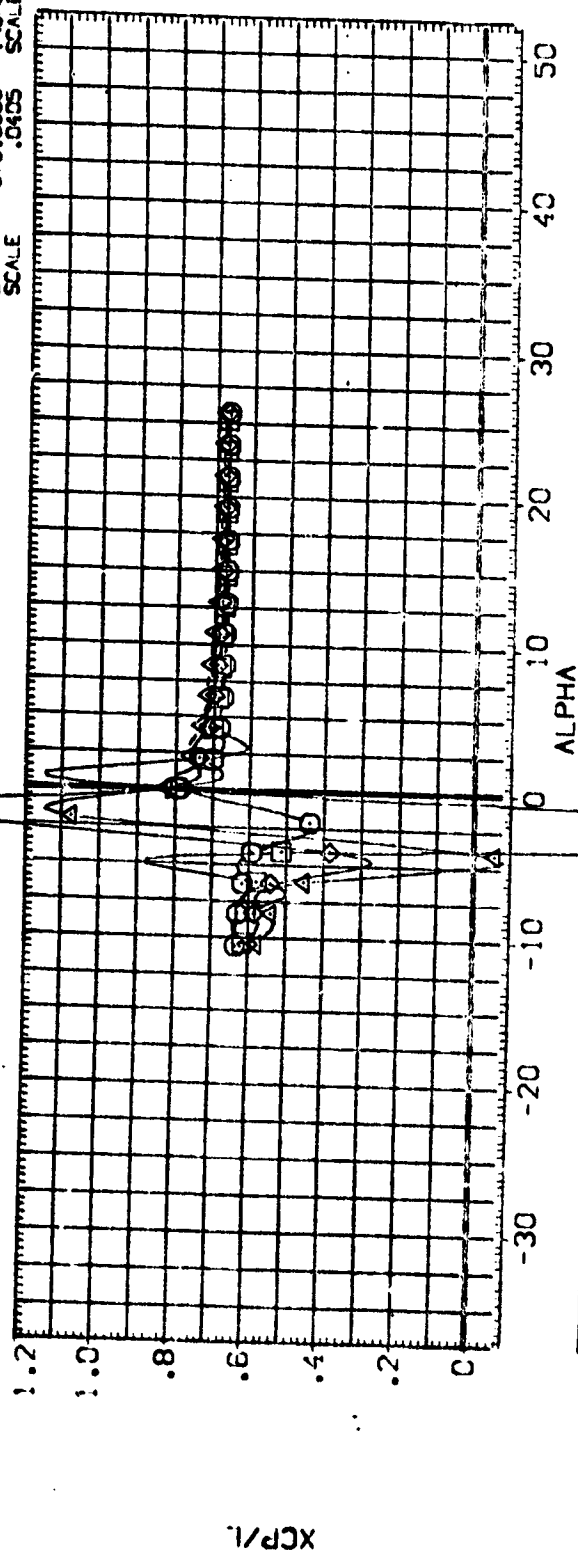


FIG 22 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=+10

(A)MAC = .26

DATA SET SYMBOL CONFIGURATION DESCRIPTION

[BF9100]	Q	CA1199	862C	2	CM16N28V17E55V8	R5	X9
[BF9103]	X	CA1199	862C	2	CM16N28V17E55V8	R5	X9
[BF9102]	X	CA1199	862C	2	CM16N28V17E55V8	R5	X9

REFERENCE INFORMATION

SREF	2690.0100	50.FT
LREF	474.8100	INCHES
BREF	936.5800	INCHES
XMRP	1076.5800	INCHES
YMRP	375.0000	INCHES
ZMRP	375.0000	INCHES
SCALE	.04CS	SCALE

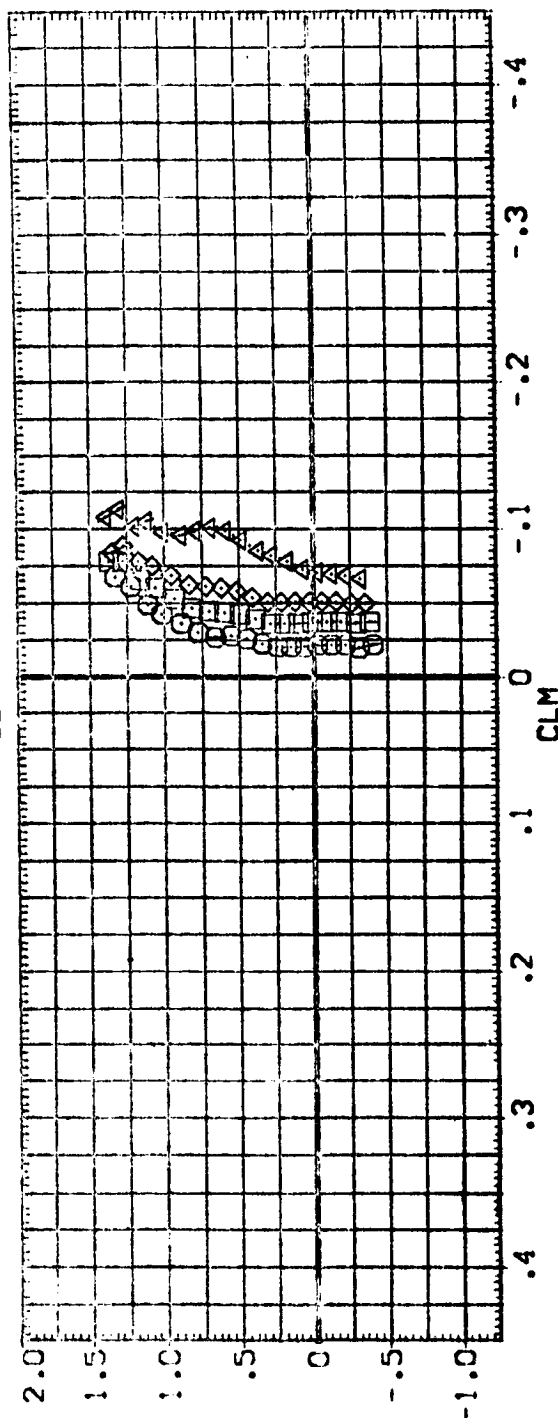
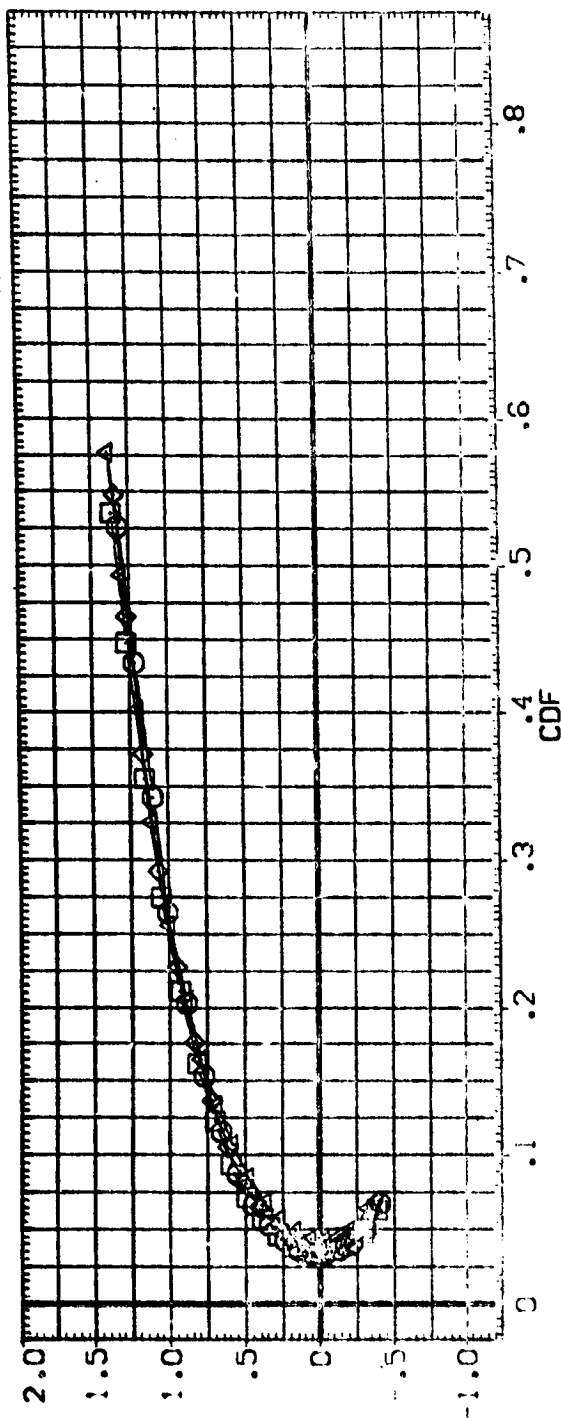


FIG 22 E55 OUTBOARD ELEVON EFFECTIVENESS. EI=+10

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LQ	ELV-LJ	ELV-RJ	ELV-RO	REFERENCE INFORMATION	SD, F.
(R-9100)	DA1198 B62C12F10M16N28V127E55V8 R5 X9	.000	10.000	10.000	.000	SREF 2690.0100	INCHES
(R-9103)	DA1198 B62C12F10M16N28V127E55V8 R5 X9	5.000	10.000	10.000	5.000	LREF 474.8100	INCHES
(R-9092)	CA1198 B62C12F10M16N28V127E55V8 R5 X9	10.000	10.000	10.000	10.000	BREF 936.5800	INCHES
(R-9123)	CA1198 B62C12F10M16N28V127E55V8 R5 X9	20.000	10.000	10.000	20.000	XMPP 1076.0000	INCHES
						YMRP .0000	INCHES
						ZMRP .0000	INCHES
						SCALE 375.0000	SCALE

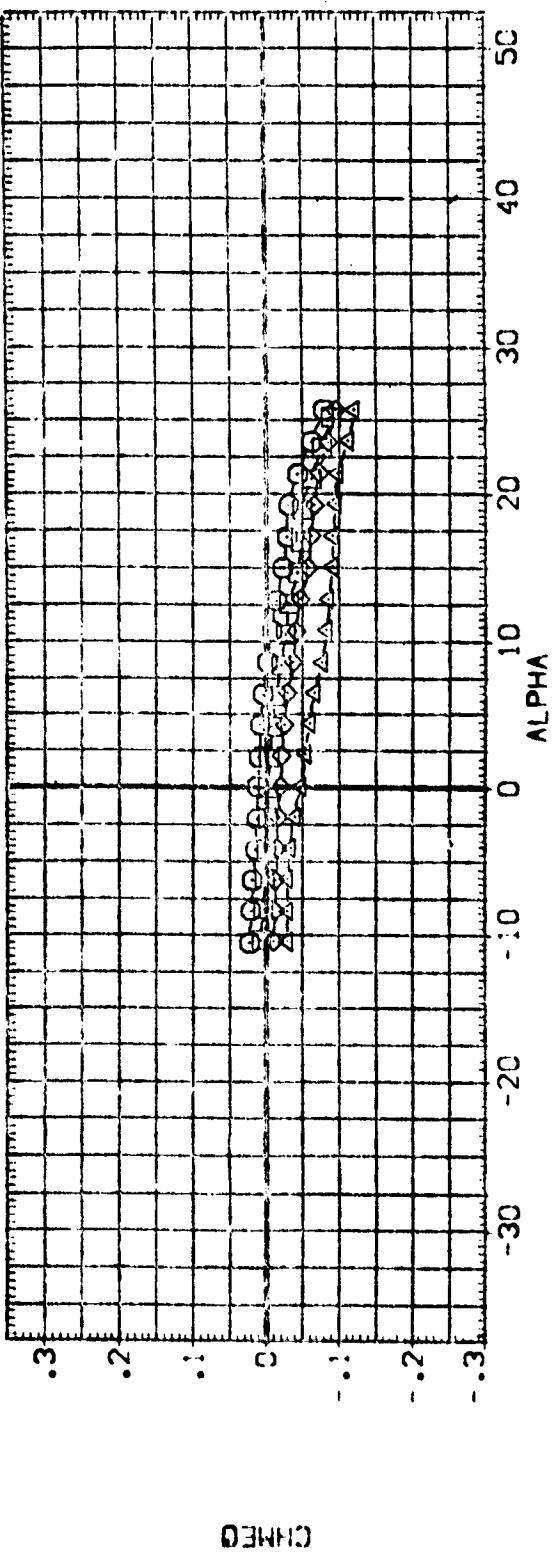
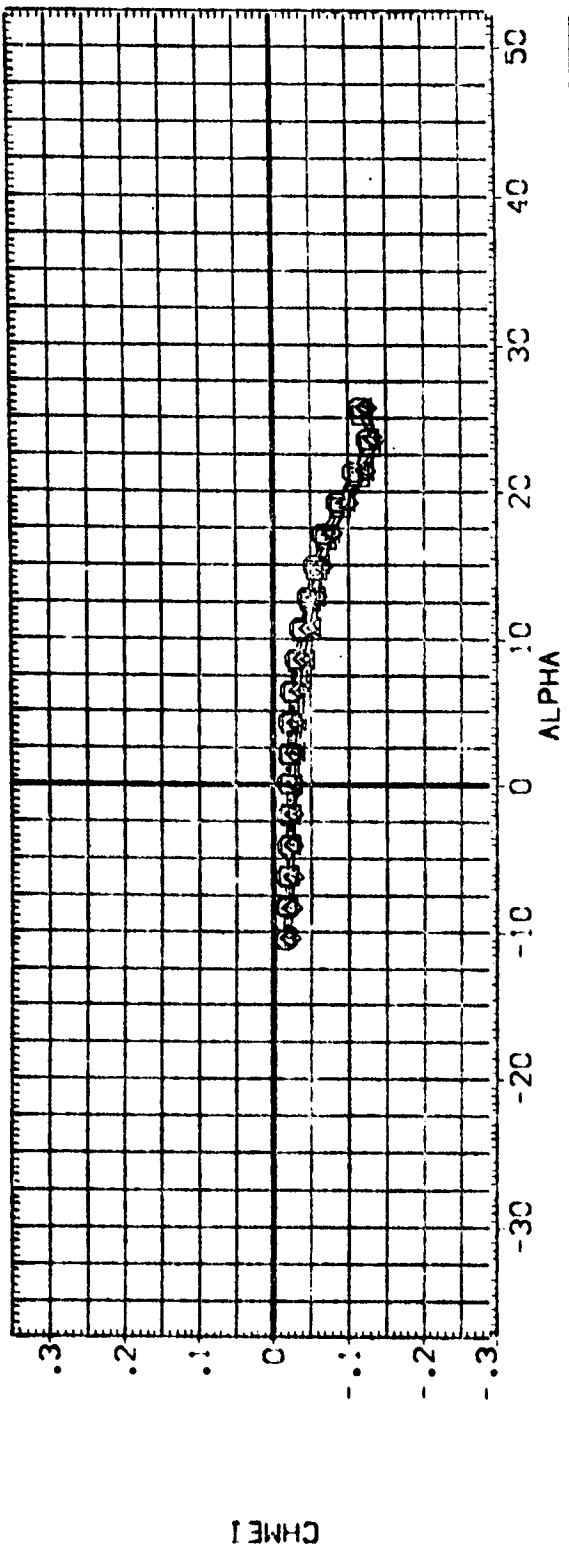


FIG 22 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=+10

(A)YACT = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
(B9173)	0A1193 862012F 10M16A28M127E55V8 R5 X9	-10.000	-5.000	-5.000	-10.000	SREF 2690.0100 SQ.FT.
(39172)	0A1193 862012F 10M16A28M127E55V8 R5 X9	-5.000	-5.000	-5.000	-5.000	LREF 478.8100 INCHES
						BREF 956.8800 INCHES
						XMRD 1076.8800 INCHES
						YMRD .0000 INCHES
						ZMRD .0000 INCHES
						SCALE 375.0000 INCHES
						SCALE .0425

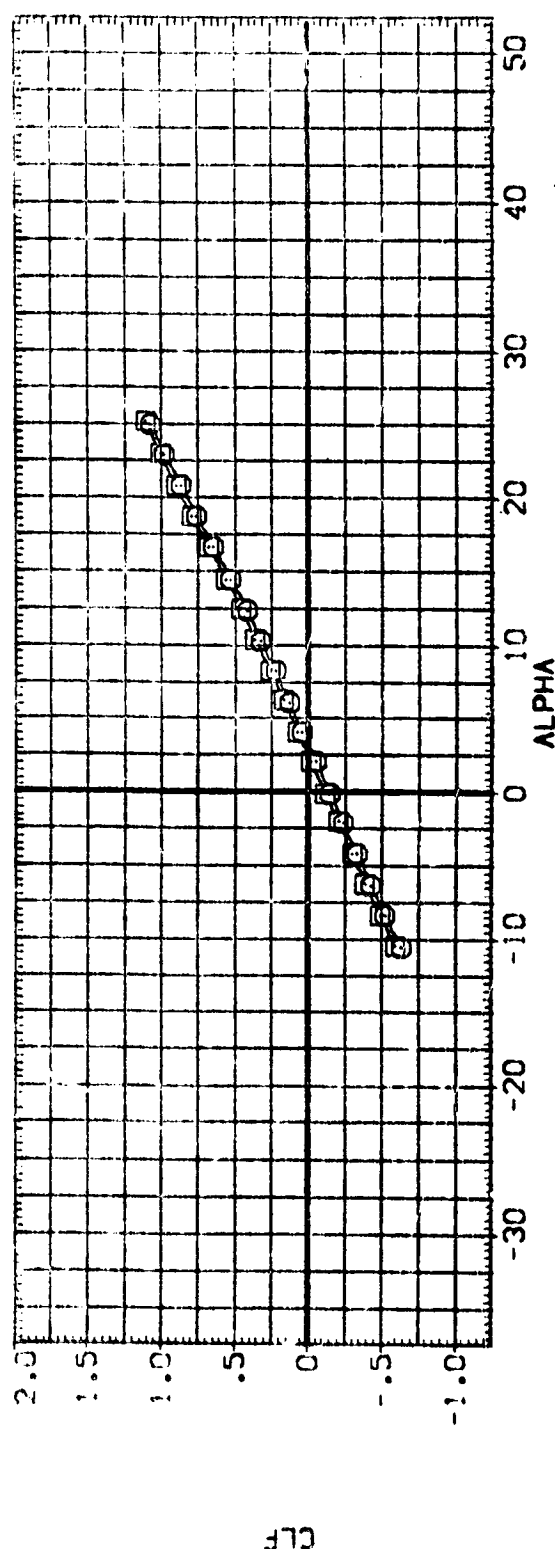
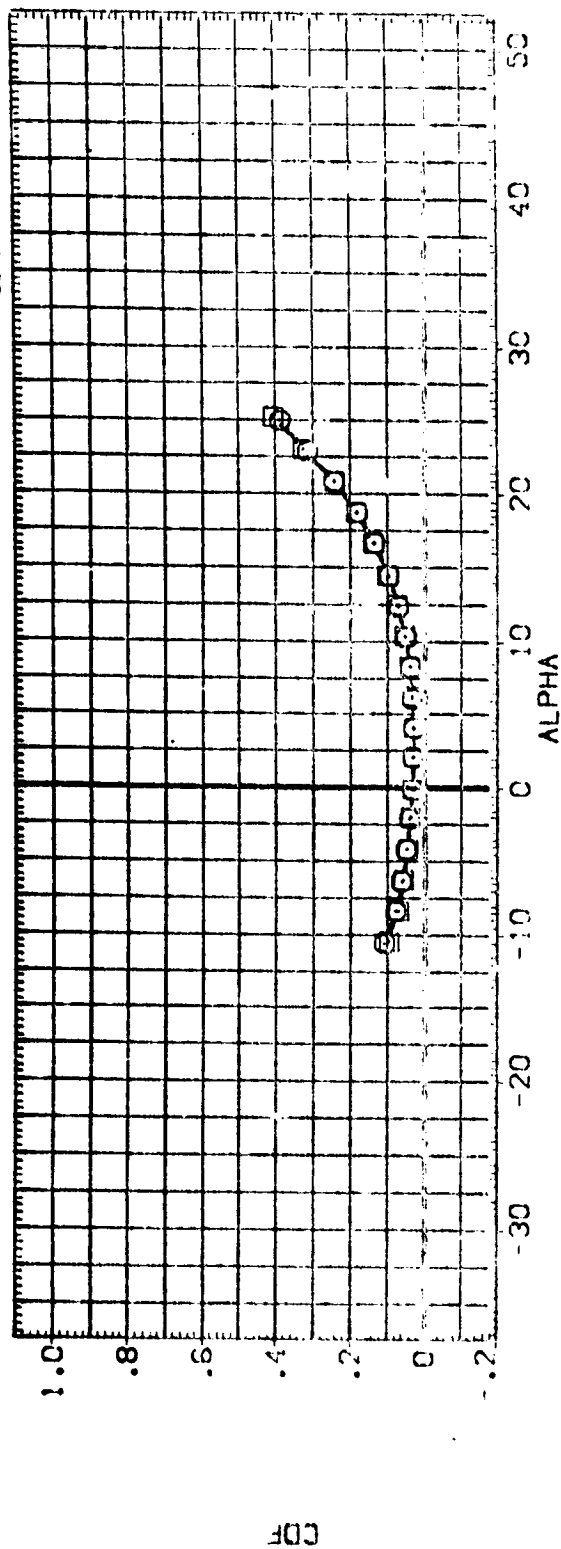


FIG 23 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=-5

(A)MACH = .20



DATA SET SYMBOL

01198 862C12F10M16N28V1Z7E55V8 RS X9

CONFIGURATION DESCRIPTION

01198 862C12F10M16N28V1Z7E55V8 RS X9

ELV-L0 ELV-L1 ELV-R1 ELV-R0

-10.000 -5.000 -5.000 -10.000

REFERENCE INFORMATION

SREF 2690.0100 SQ.FT.
LREF 474.8100 INCHES
BREF 535.6800 INCHES
XMRP 1075.0000 INCHES
YMRP 375.0000 INCHES
ZMRP 375.0000 INCHES
SCALE .04DS SCALE

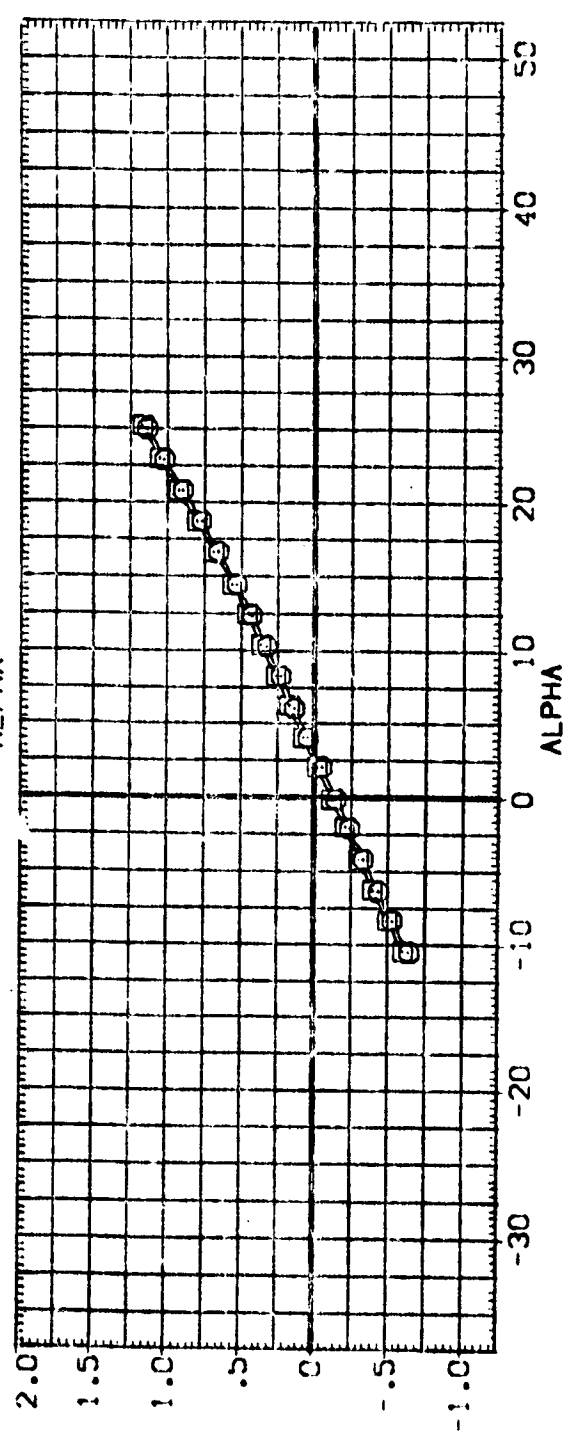
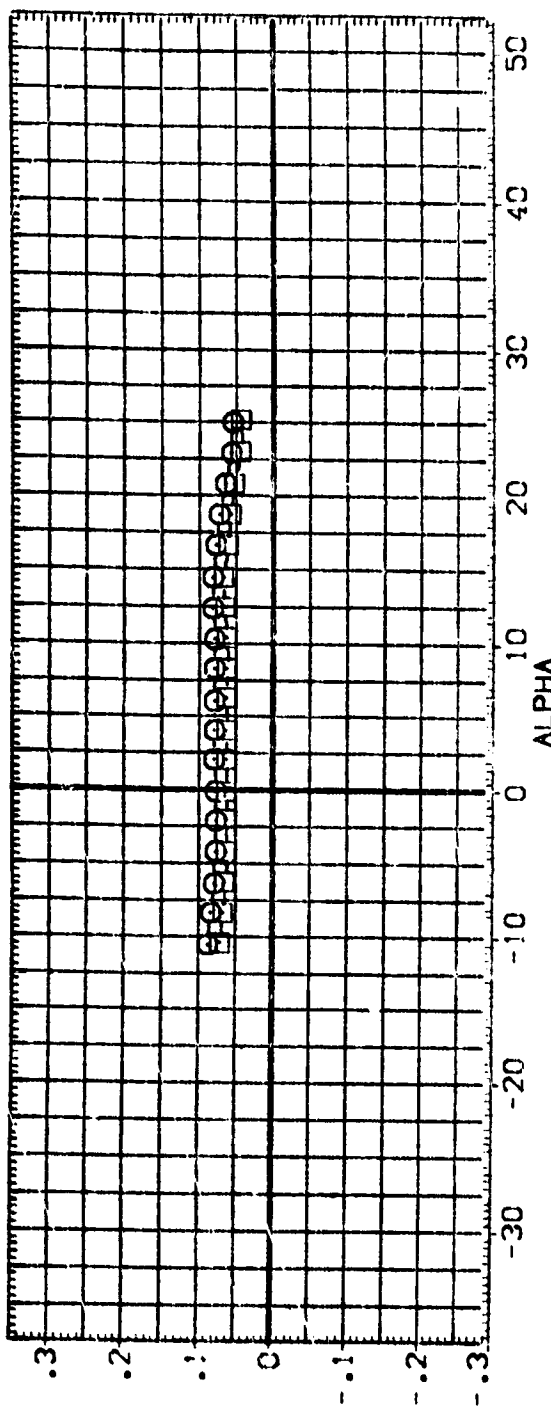


FIG 23 E55 OUTBOARD ELEVON EFFECTIVENESS, E1=-5

(A)MACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
[BF9173]	0A1199 B62C12F10M16N28J127E55V8 R5 X9	-10.000	-5.000	-5.000	-10.000	SREF 2690.0100 SQ.FT.
[BF9172]	0A1199 B62C12F10M16N28J127E55V8 R5 X9	-5.000	-5.000	-5.000	-5.000	LREF 474.8100
						BREF 936.6800
						XPRP 1076.6800
						YPRP .0000
						ZPRP .0000
						SCALE 375.0405

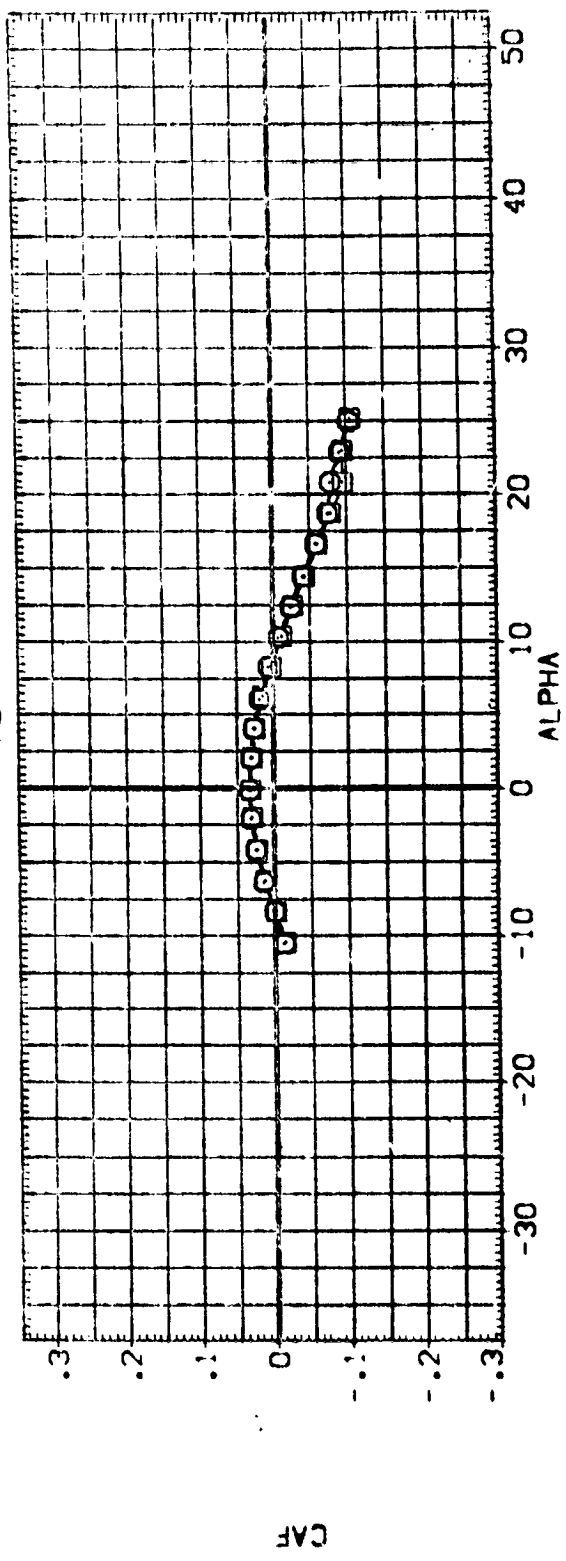
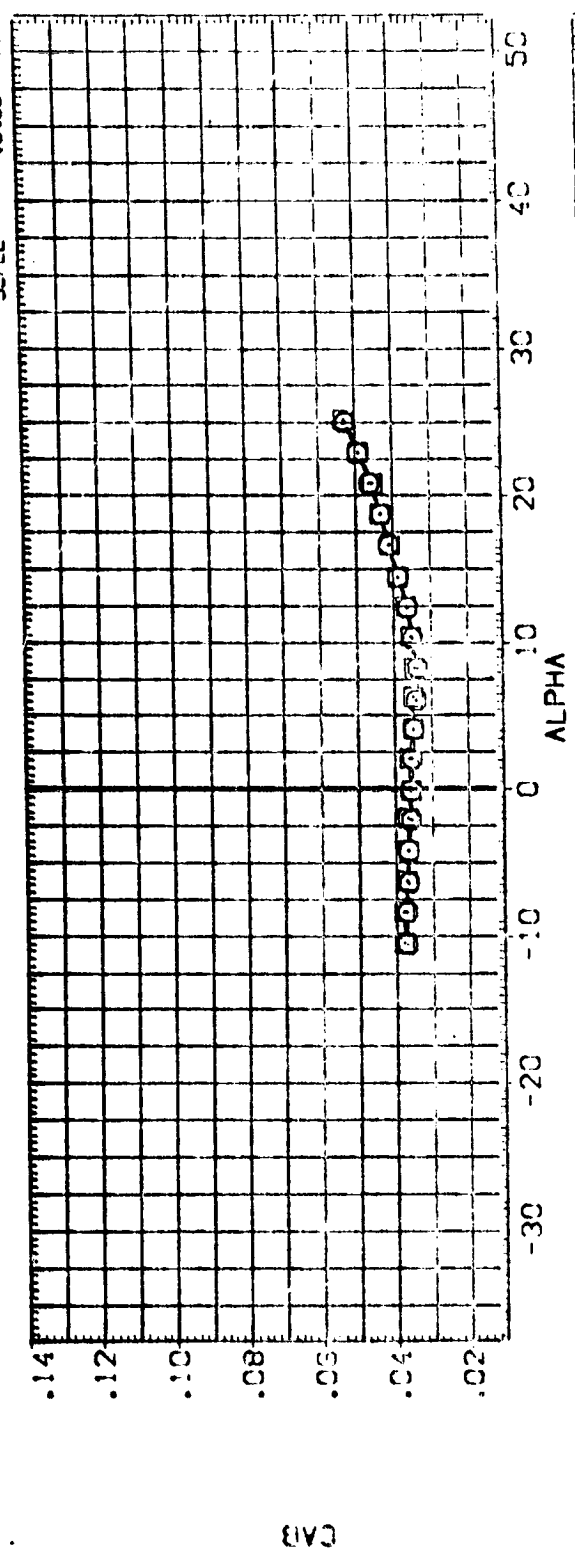


FIG 23 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=-5

CAMACH = .20



DATA SET SYMBOL: CONFIGURATION DESCRIPTION
 [B9173] 041199 862012F 10416A284127E55V8 RS X9
 [B9172] 041199 862012F 10416A284127E55V8 RS X9

REFERENCE INFORMATION
 REF 2690.0100 SQ.FT.
 LREF 474.8100 INCHES
 BREF 936.8800 INCHES
 XMRP 1076.8800 INCHES
 YMRP .0000 INCHES
 ZMRP 375.0000 INCHES
 SCALE .0105

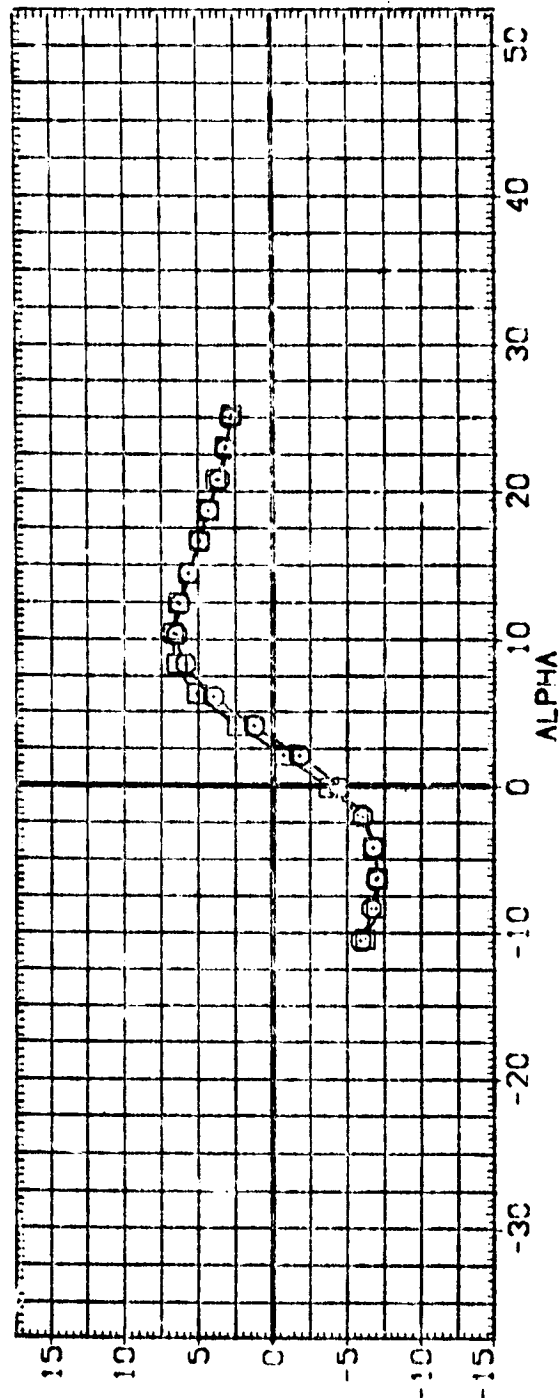
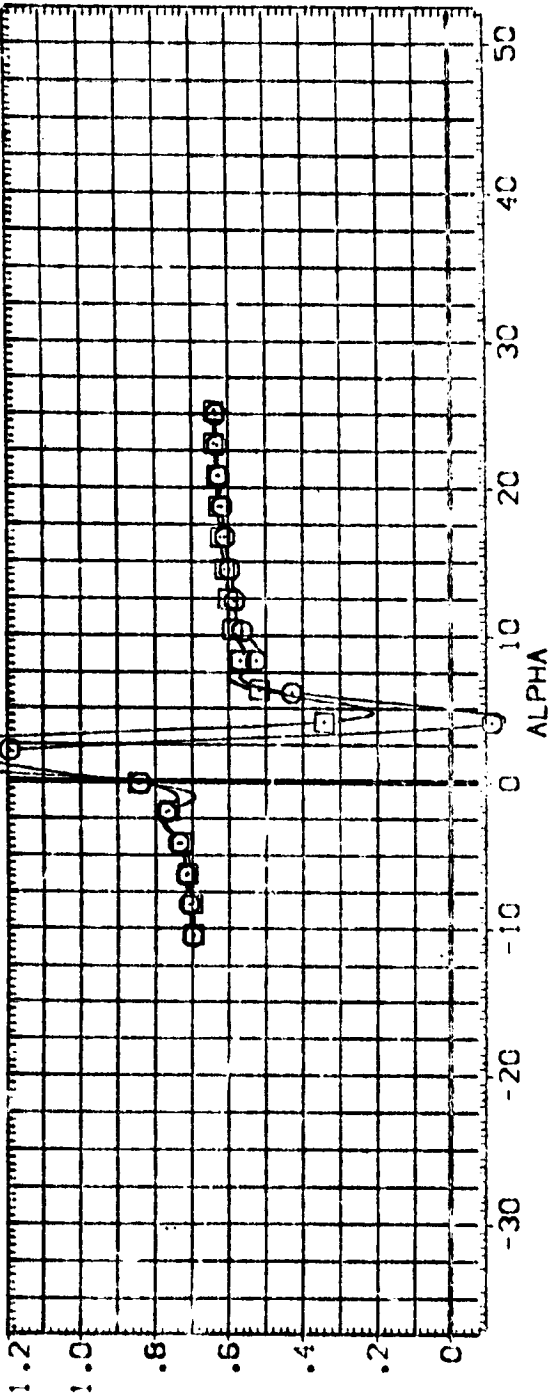


FIG 23 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=-5

[A]MACH = .20

DATA SET SYMBOL: 01198 862C12F 101628V127E55V8 RS X9
 01198 862C12F 101628V127E55V8 RS X9

CONFIGURATION DESCRIPTION

ELV-L0 ELV-L1 ELV-R1 ELV-R0
 -10.000 -5.000 -5.000 -10.000

REFERENCE INFORMATION
 SREF 2690.0100 50.FT.
 LREF 474.8100 INCHES
 BREF 936.6800 INCHES
 XMRP 1076.6800 INCHES
 YMRP 375.0000 INCHES
 ZMRP 375.0000 INCHES
 SCALE .0405

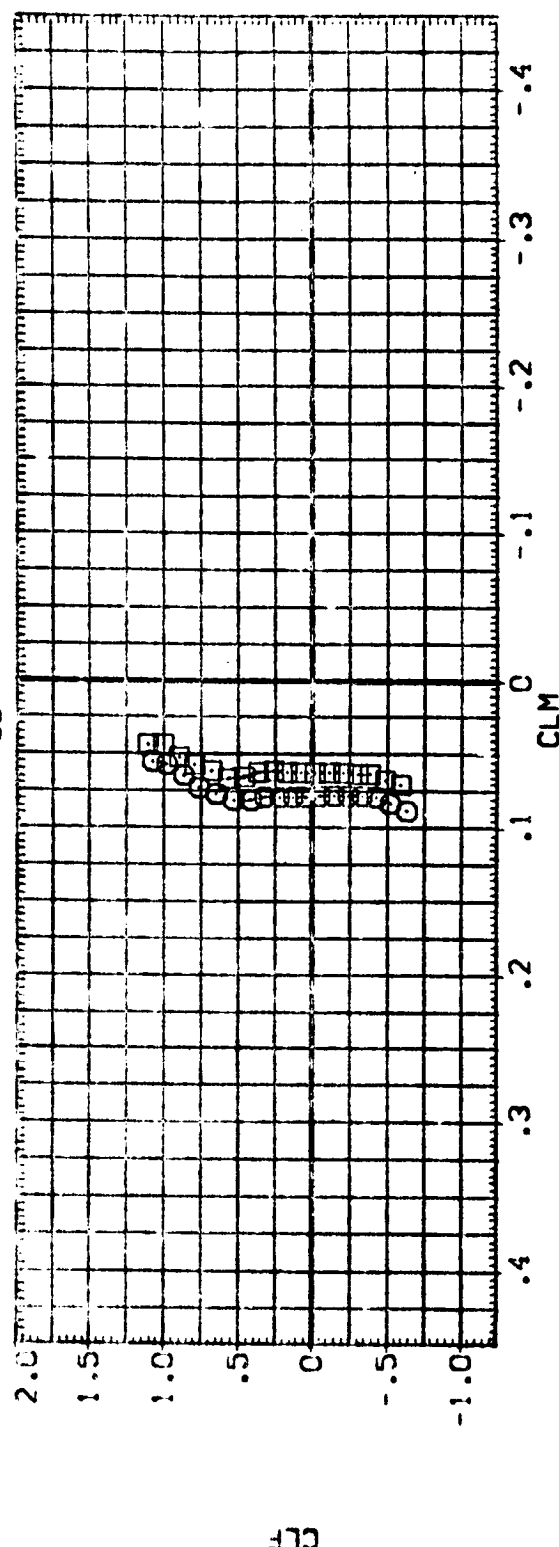
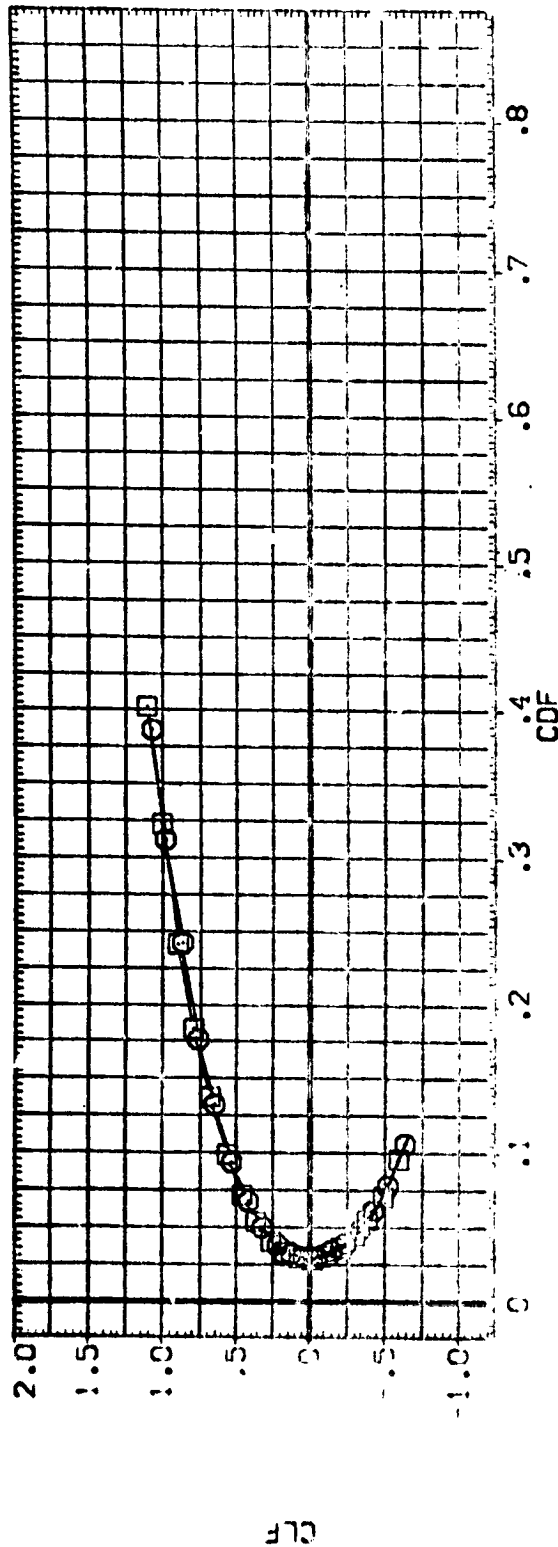


FIG 23 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=-5

(A)MACH = .20

DATA SET SYMBOL: []
 [DE 9173]
 [DE 9172]

CONFIGURATION DESCRIPTION
 0A1198 B62C12F10M16N28J127E55V8 RS X9
 0A1198 B62C12F10M16N28J127E55V8 RS X9

REFERENCE INFORMATION
 SREF 2690.0100 SQ.FT
 LREF 474.8100 INCHES
 BREF 936.6800 INCHES
 XMRP 1076.6800 INCHES
 YMRP 1000 INCHES
 ZMRP 375.0000 INCHES
 SCALE .0405

ELV-L0 ELV-L1 ELV-R1 ELV-R0
 -10.000 -5.000 -5.000 -10.000
 -5.000 -5.000 -5.000 -5.000

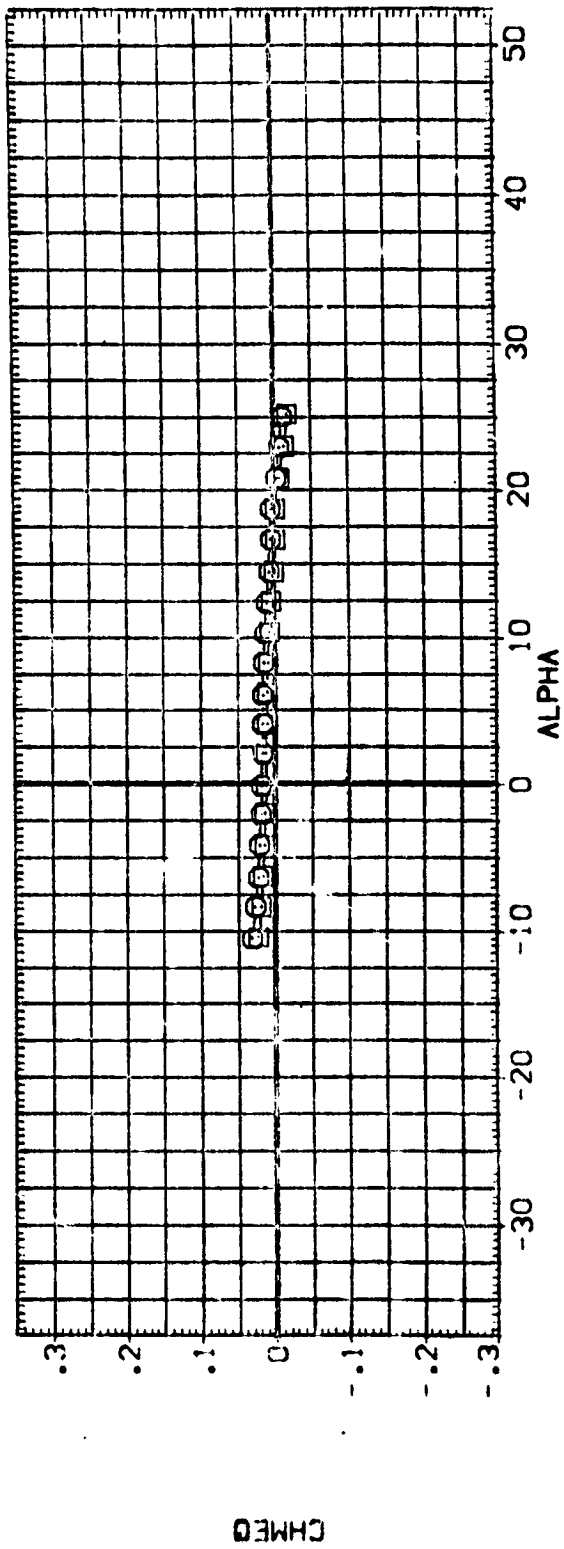
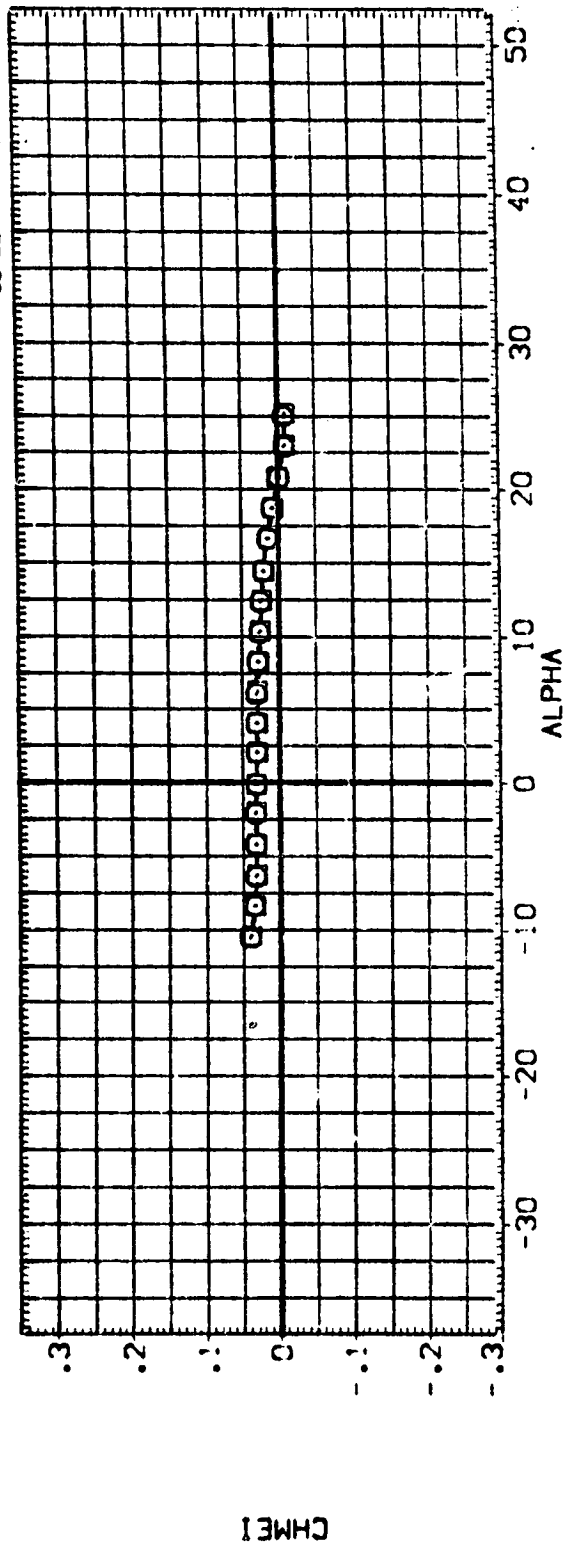


FIG 23 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=-5
 (ADMACH = .20)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
[B9161]	0A1199 B62C1Z DM16N28V1Z7E55V8 RS X9	-35.000	-10.000	-10.000	-35.000	SREF 2690.0100
[B9162]	0A1199 B62C1Z DM16N28V1Z7E55V8 RS X9	-30.000	-10.000	-10.000	-30.000	LREF 474.8100
[B9163]	0A1199 B62C1Z DM16N28V1Z7E55V8 RS X9	-20.000	-10.000	-10.000	-20.000	BREF 536.8800
[B9164]	0A1199 B62C1Z DM16N28V1Z7E55V8 RS X9	-10.000	-10.000	-10.000	-10.000	XMRP 1076.0000
[B9165]	0A1199 B62C1Z DM16N28V1Z7E55V8 RS X9	-5.000	-10.000	-10.000	-5.000	YMRP 375.0000
[B9166]	0A1199 B62C1Z DM16N28V1Z7E55V8 RS X9	.000	-10.000	-10.000	.000	ZMRP 375.0000
[B9167]	0A1199 B62C1Z DM16N28V1Z7E55V8 RS X9					SCALE 0405

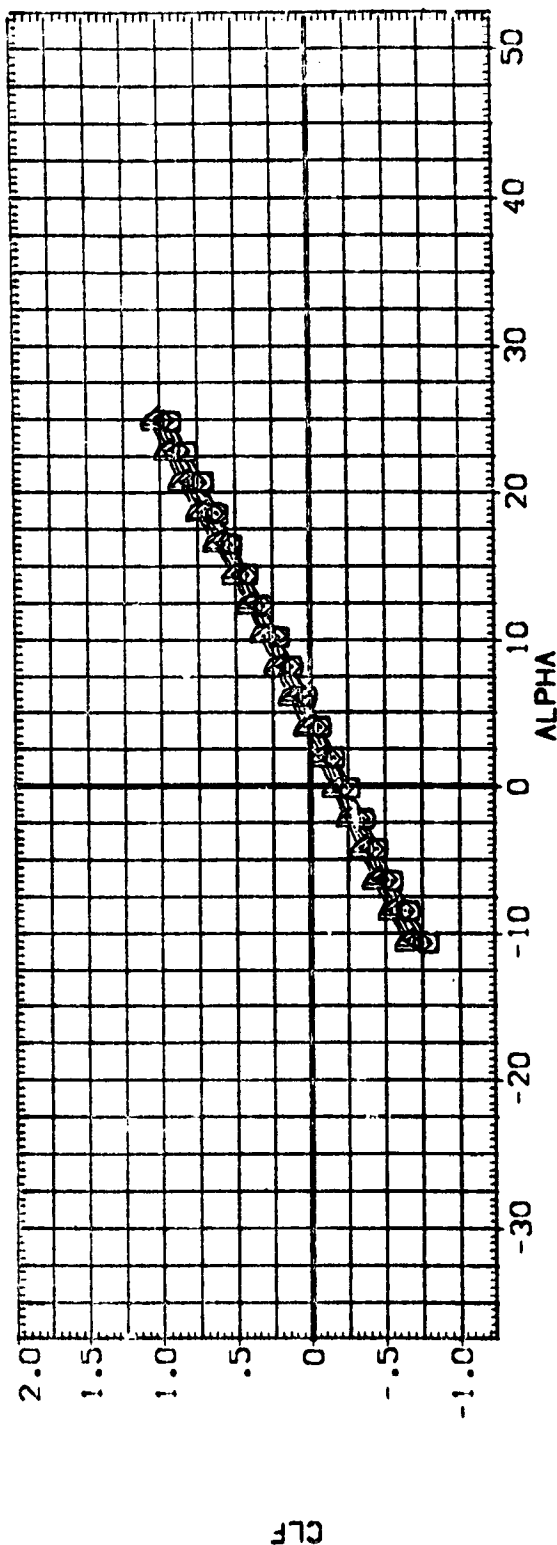
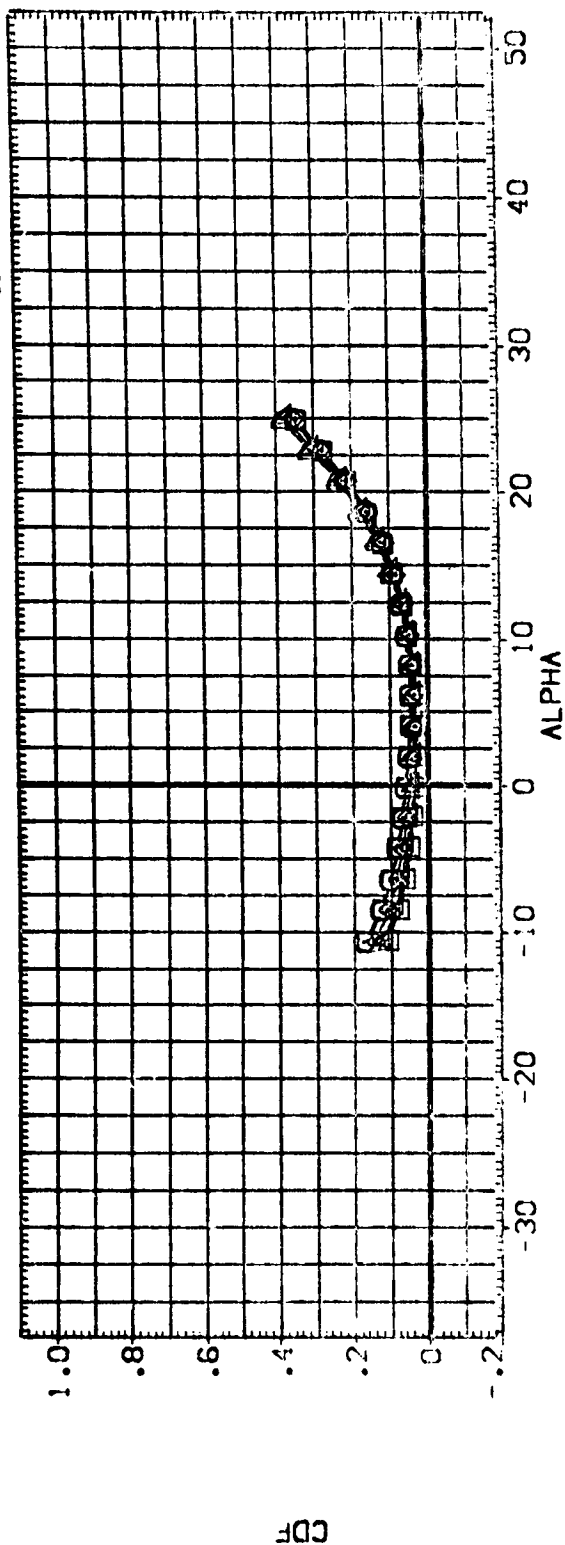


FIG 24 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=-10

(AJMACH = .20



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
[BF 9161]	D	DA1198 B62C 1X CM16N2841Z7E55V8 RS X9	-35.000	-10.000	-10.000	-35.000	SREF 2690.0100 50.FT.
[BF 9162]	D	DA1198 B62C 1X CM16N2841Z7E55V8 RS X9	-30.000	-10.000	-10.000	-30.000	LREF 474.6100 INCHES
[BF 9168]	D	DA1198 B62C 1X CM16N2841Z7E55V8 RS X9	-20.000	-10.000	-10.000	-20.000	BREF 936.6800 INCHES
[BF 9169]	D	DA1198 B62C 1X CM16N2841Z7E55V8 RS X9	-10.000	-10.000	-10.000	-10.000	XMRP 1076.6800 INCHES
[BF 9170]	D	DA1198 B62C 1X CM16N2841Z7E55V8 RS X9	-5.000	-10.000	-10.000	-5.000	YMRP .0000 INCHES
[BF 9171]	D	DA1198 B62C 1X CM16N2841Z7E55V8 RS X9	.000	-10.000	-10.000	.000	ZMRP 375.0000 INCHES
							SCALE .0405

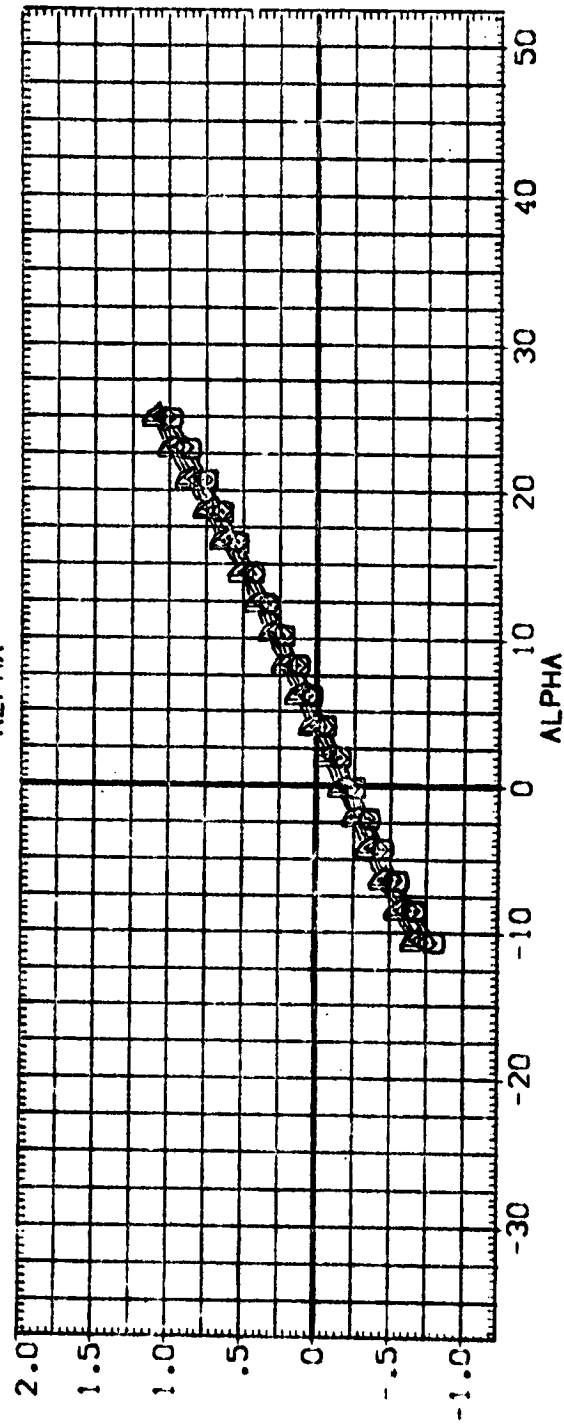
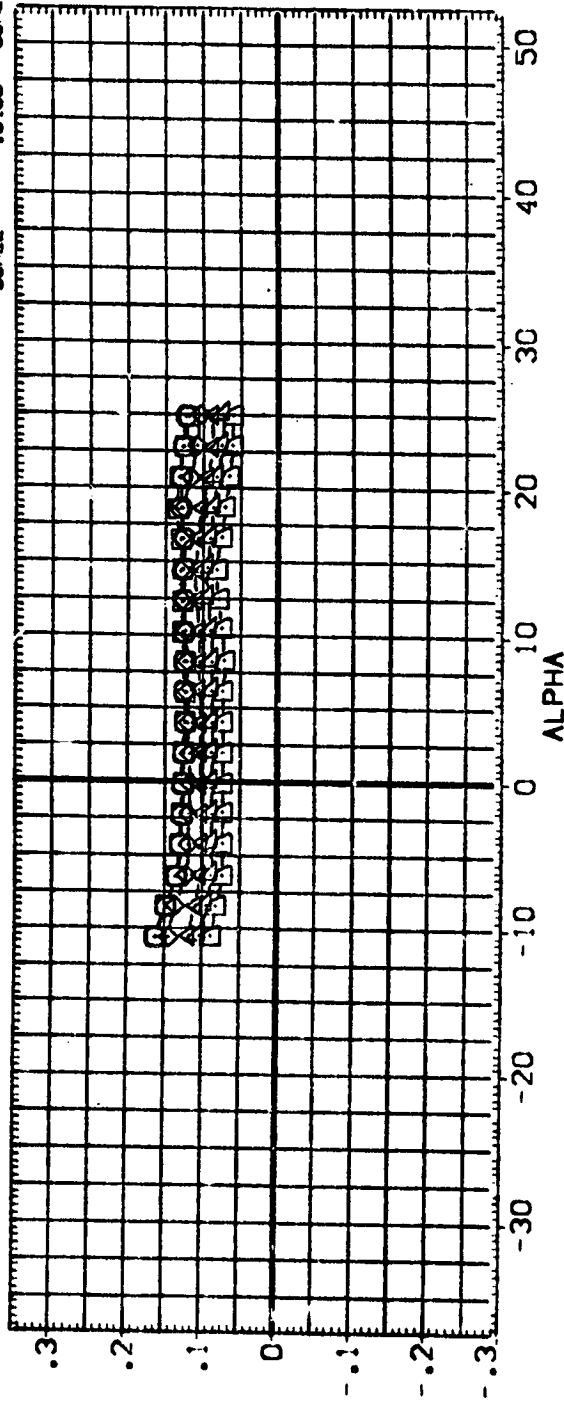


FIG 24 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=-10

(A)MACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
[89161]	0A1198 8620 12 10M1628V127E55V8 R5 X9	-25.000	-10.000	-10.000	-35.000	SREF 2690 0100 SQ.FT.
[89162]	0A1198 8620 12 10M1628V127E55V8 R5 X9	-20.000	-10.000	-10.000	-30.000	LREF 474.8100 INCHES
[89168]	0A1198 8620 12 10M1628V127E55V8 R5 X9	-10.000	-10.000	-10.000	-20.000	BREF 556.8800 INCHES
[89169]	0A1198 8620 12 10M1628V127E55V8 R5 X9	-5.000	-10.000	-10.000	-10.000	XREF 1076.8800 INCHES
[89171]	0A1198 8620 12 10M1628V127E55V8 R5 X9	.000	-10.000	-10.000	-5.000	YREF .0000 INCHES
[89170]	0A1198 8620 12 10M1628V127E55V8 R5 X9	.000	-10.000	-10.000	.000	ZREF 375.0000 INCHES
						SCALE .0405

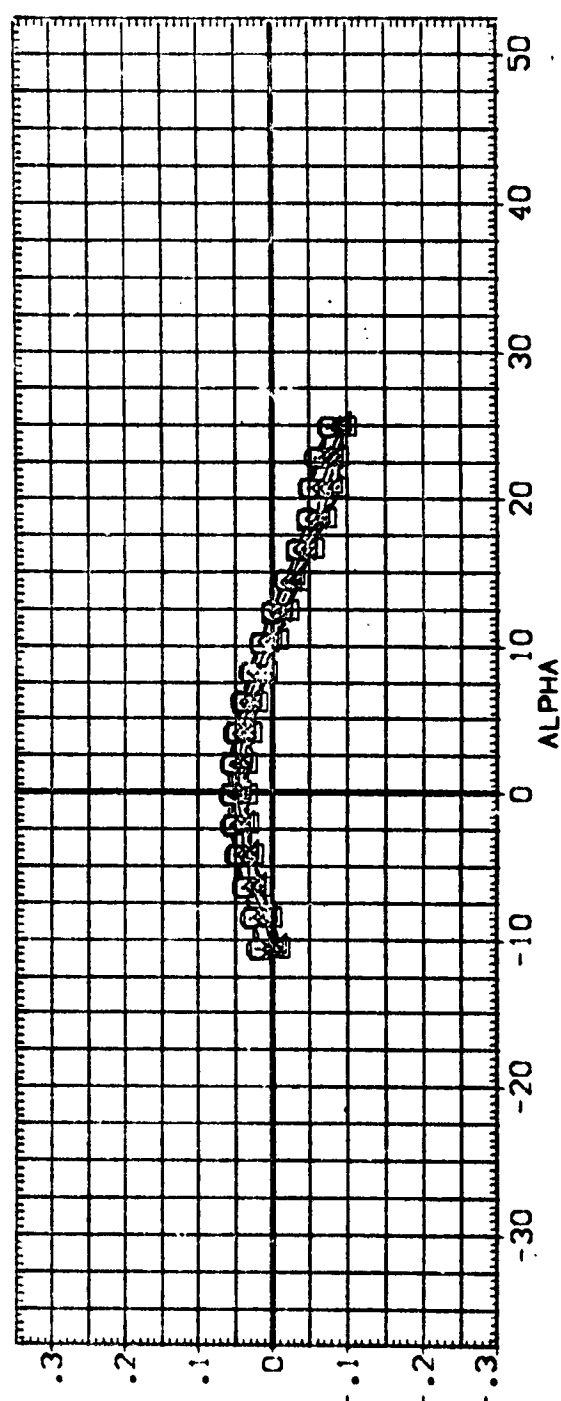
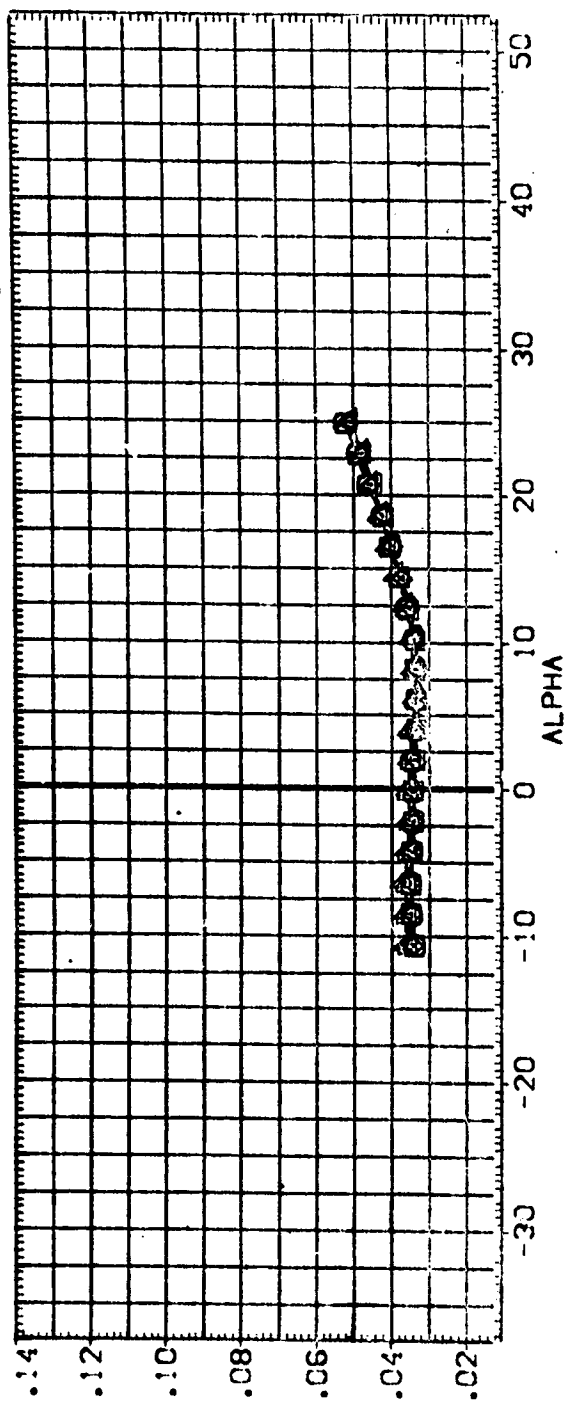


FIG 24 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=-10

CAJMACH = .20



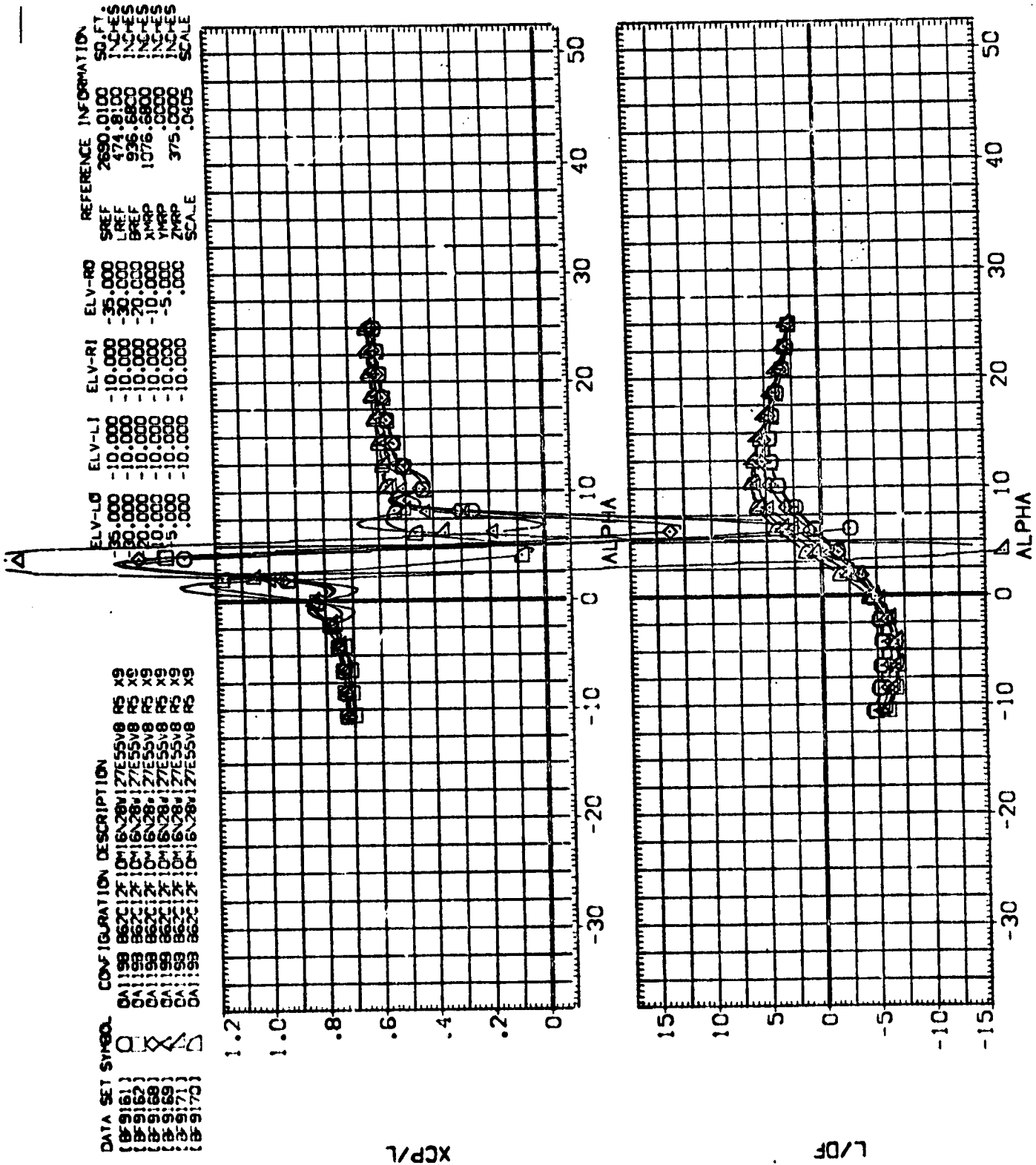


FIG 24 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=-10

(A)MACH = .20

DATA SET SYMBO. CONFIGURATION DESCRIPTION

[B9:51]	0A1198	B62C12	10M16N28V1	27E55V8	R5	X9
[B9:52]	0A1198	B62C12	10M16N28V1	27E55V8	R5	X9
[B9:53]	0A1198	B62C12	10M16N28V1	27E55V8	R5	X9
[B9:54]	0A1198	B62C12	10M16N28V1	27E55V8	R5	X9
[B9:55]	0A1198	B62C12	10M16N28V1	27E55V8	R5	X9
[B9:56]	0A1198	B62C12	10M16N28V1	27E55V8	R5	X9
[B9:57]	0A1198	B62C12	10M16N28V1	27E55V8	R5	X9
[B9:58]	0A1198	B62C12	10M16N28V1	27E55V8	R5	X9

REFERENCE INFORMATION

	ELV-L0	ELV-L1	ELV-R1	ELV-R0	SCALE
SREF	-35.000	-10.000	-10.000	-35.000	2690.0100
LREF	-30.000	-10.000	-10.000	-30.000	474.8100
BREF	-20.000	-10.000	-10.000	-20.000	936.6800
XMRP	-10.000	-10.000	-10.000	-10.000	1076.6800
YMRP	-5.000	-10.000	-10.000	-5.000	375.0000
ZMRP	.000	-10.000	-10.000	.000	.0405

50.FT. INCHES INCHES INCHES INCHES INCHES

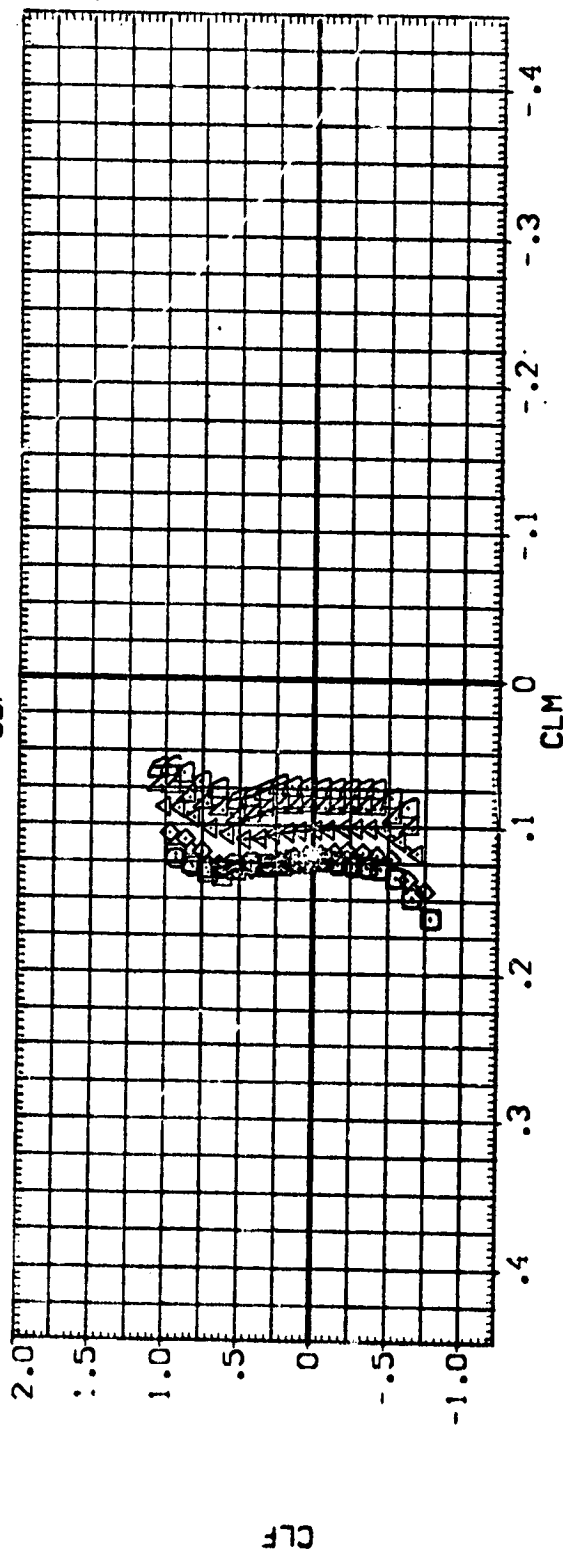
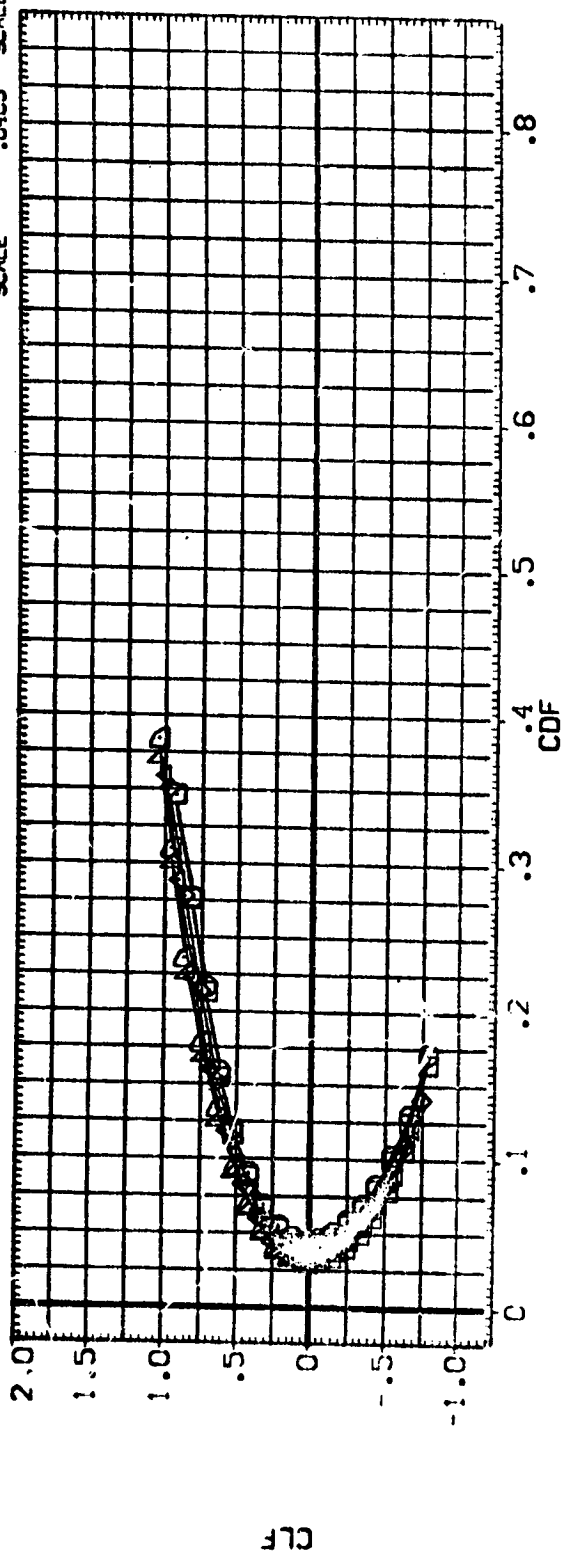


FIG 24 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=-10

(A)MACH = .20



DATA SET SYMBO.	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
[#9161]	DA1193 862C1Z DM16N28M1Z7E55V8 R5 X9	-25.000	-10.000	-10.000	-35.000	SREF 2690.0100 50 FT
[#9162]	DA1193 862C1Z DM16N28M1Z7E55V8 R5 X9	-20.000	-10.000	-10.000	-30.000	LREF 474.8100 IN-ES
[#9163]	DA1193 862C1Z DM16N28M1Z7E55V8 R5 X9	-20.000	-10.000	-10.000	-20.000	BREF 936.6800 IN-ES
[#9164]	DA1193 862C1Z DM16N28M1Z7E55V8 R5 X9	-10.000	-10.000	-10.000	-10.000	MREF 1076.6800 IN-ES
[#9165]	DA1193 862C1Z DM16N28M1Z7E55V8 R5 X9	-5.000	-10.000	-10.000	-5.000	ZMREF 375.0000 IN-ES
[#9170]	DA1193 862C1Z DM16N28M1Z7E55V8 R5 X9	.000	-10.000	-10.000	.000	SCALE .0405 IN-ES

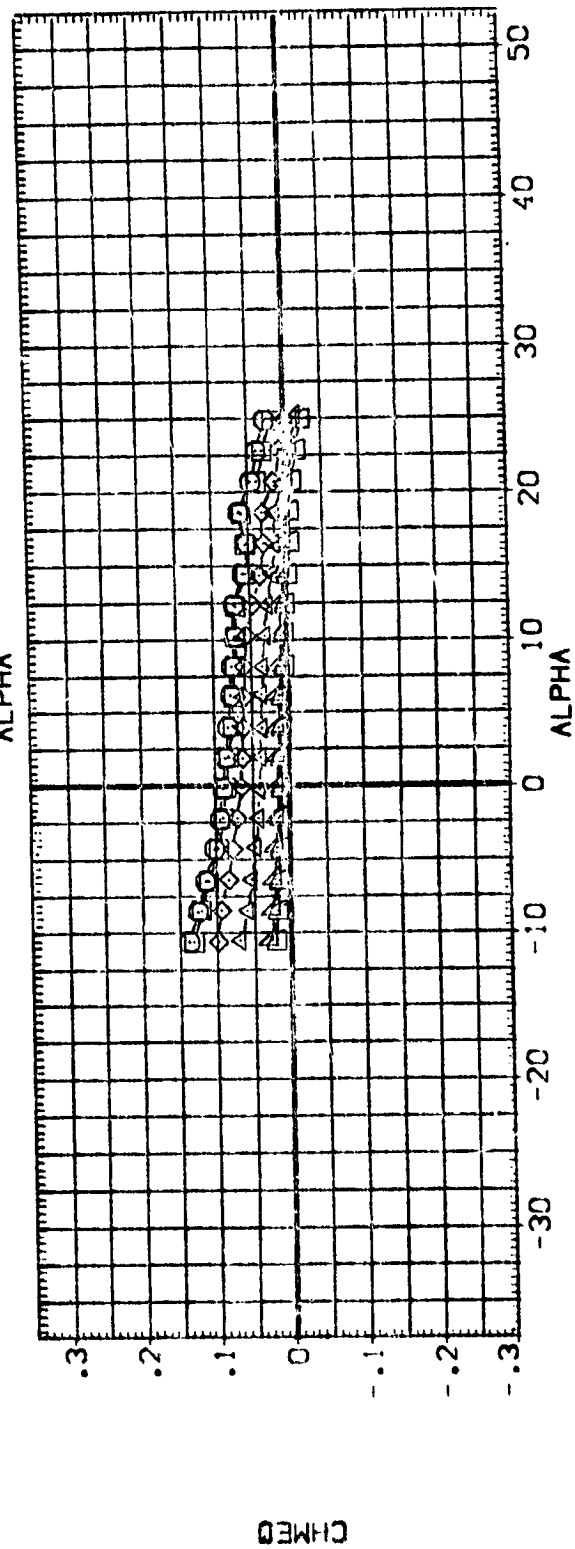
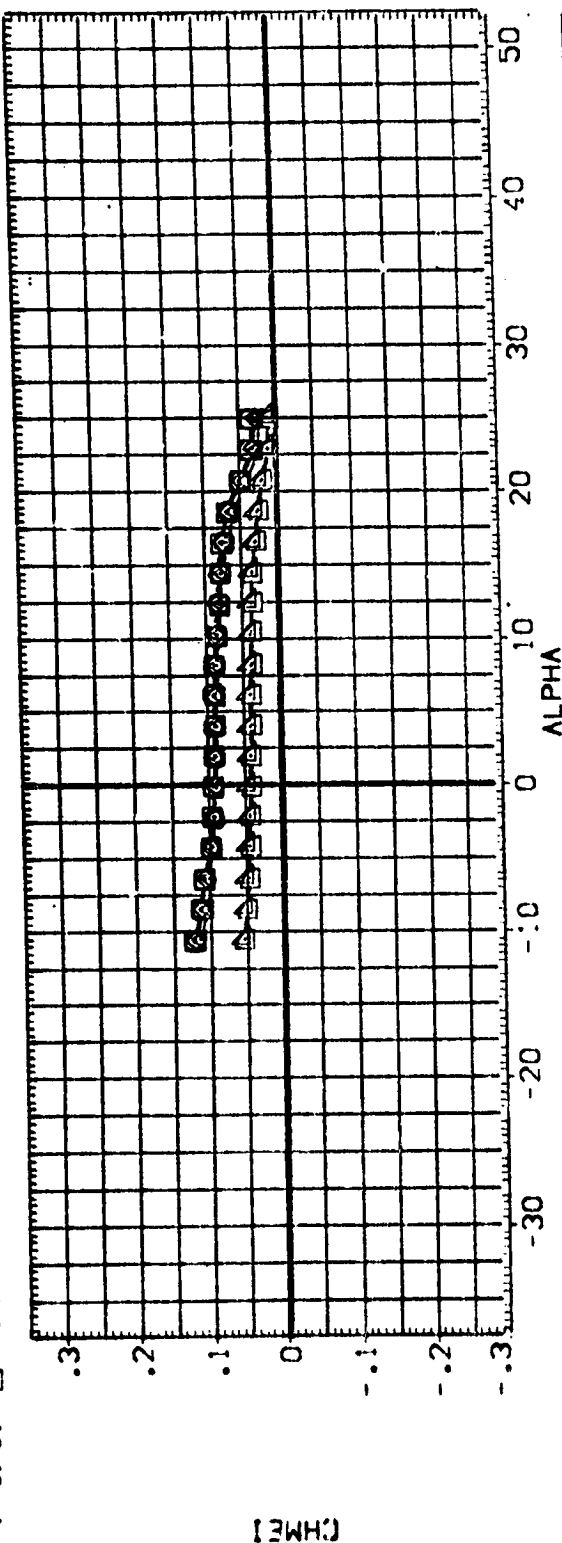


FIG 24 E55 OUTBOARD ELEVON EFFECTIVENESS, EI=-10

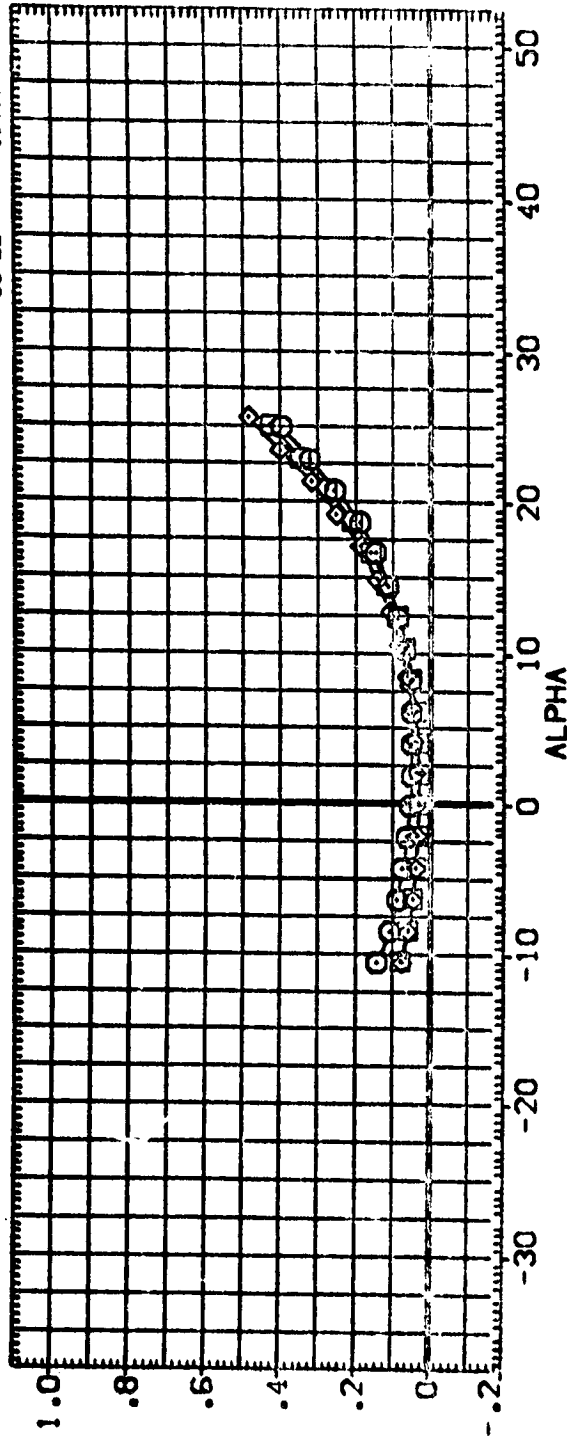
(A)MACH = .20

DATA SET SYMBOL CONFIGURATION DESCRIPTION

011158 862112 1011626127E55V8 NS X9
 011158 862112 1011626127E55V8 NS X9
 011158 862112 1011626127E55V8 NS X9

ELV-L8 ELV-L1 ELV-R1 ELV-R8
 -35.000 .000 .000 -35.000
 10.000 .000 .000 10.000
 REF 2680.0100 50.00
 LREF 474.8100 INCHES
 BREF 936.6800 INCHES
 XMRP 1076.6800 INCHES
 YMRP .0000 INCHES
 ZMRP 375.0000 INCHES
 SCALE .0405 INCHES

COF



CLF

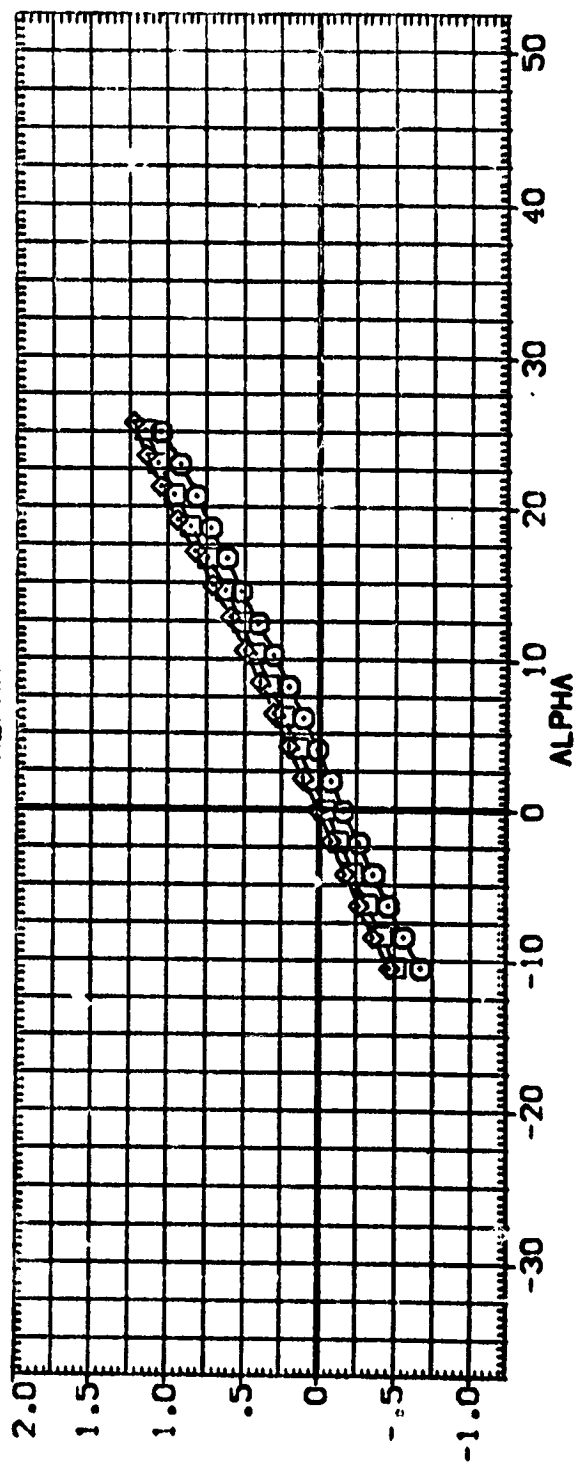


FIG 25 E55 OUTBOARD ELEVON EFFECTIVENESS, EI= 0

(A)MACH = .20



DATA SET 5780. CONFIGURATION DESCRIPTION
 (BF9158) Q 0A1158 862C12F 1016C80127E55V8 RS X9
 (BF9112) Q 0A1158 862C12F 1016C80127E55V8 RS X9
 (BF909) Q 0A1158 862C12F 1016C80127E55V8 RS X9

ELV-L8 ELV-L1 ELV-R1 ELV-R0
 -35.000 .000 .000 -35.000
 .000 .000 .000 .000
 10.000 10.000

REFERENCE INFORMATION
 SREF 2690.0100 50.FT.
 LREF 474.8100 INCHES
 BREF 936.6800 INCHES
 XMRP 1076.6800 INCHES
 YMRP .0000 INCHES
 ZMRP 375.0000 INCHES
 SCALE .0405

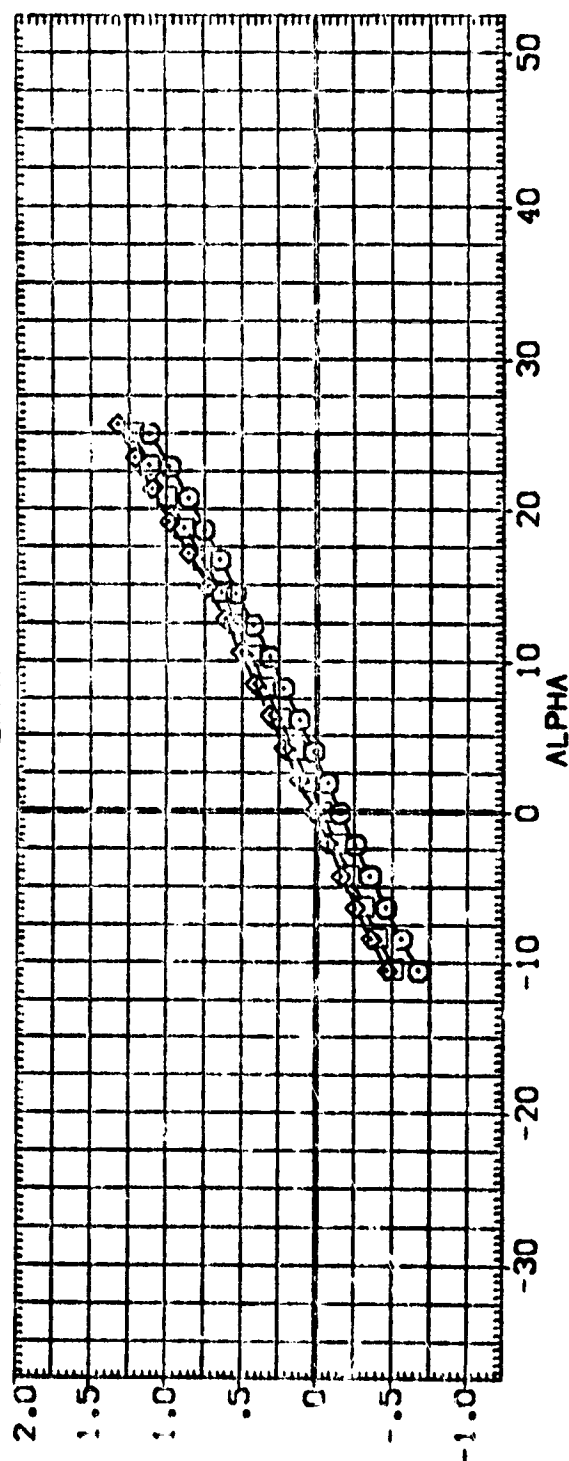
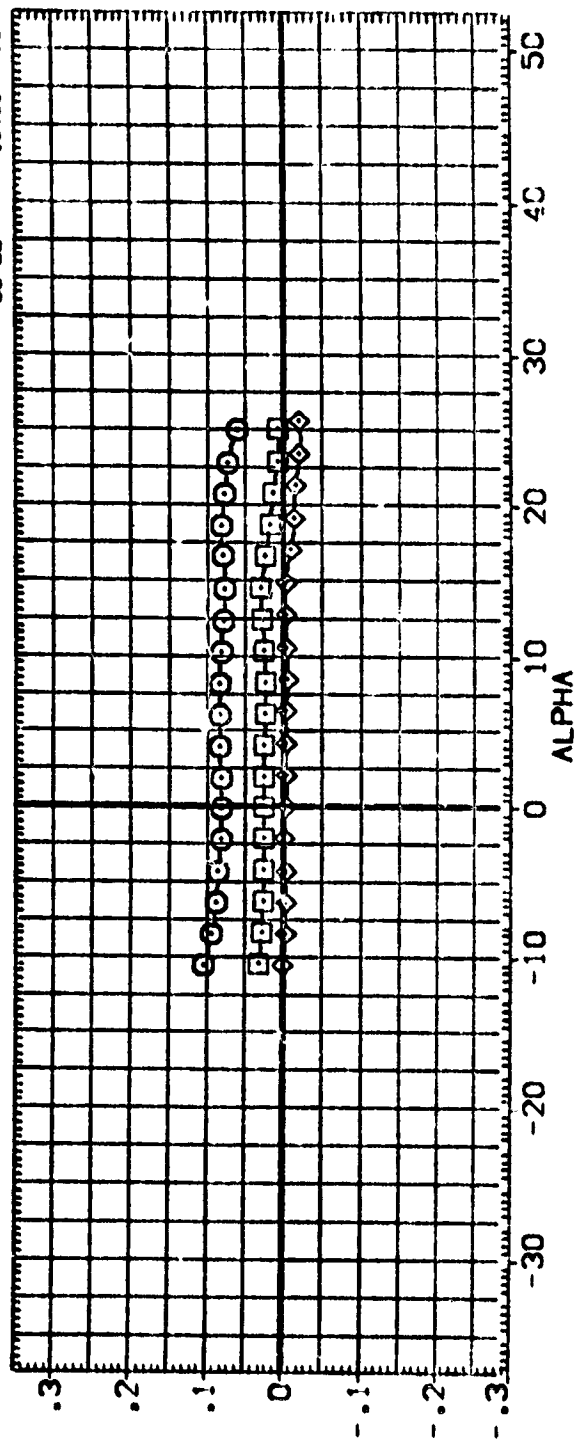


FIG 25 E55 OUTBOARD ELEVON EFFECTIVENESS, EI= 0

(A)MACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
Q	0A1199 B52C12F1041628V127E55V8 RS X9	-35.000	.000	.000	-35.000	SREF 2690.0100 50.FT
Q	0A1199 B52C12F1041628V127E55V8 RS X9	.000	.000	.000	.000	LREF 474.8100 IN-ES
Q	0A1199 B52C12F1041628V127E55V8 RS X9	10.000	.000	.000	10.000	BREF 936.6800 IN-ES
Q	0A1199 B52C12F1041628V127E55V8 RS X9					XMRP 1076.6800 IN-ES
						YMRP .0000 IN-ES
						ZMRP 375.0000 IN-ES
						SCALE .0405 SCALE

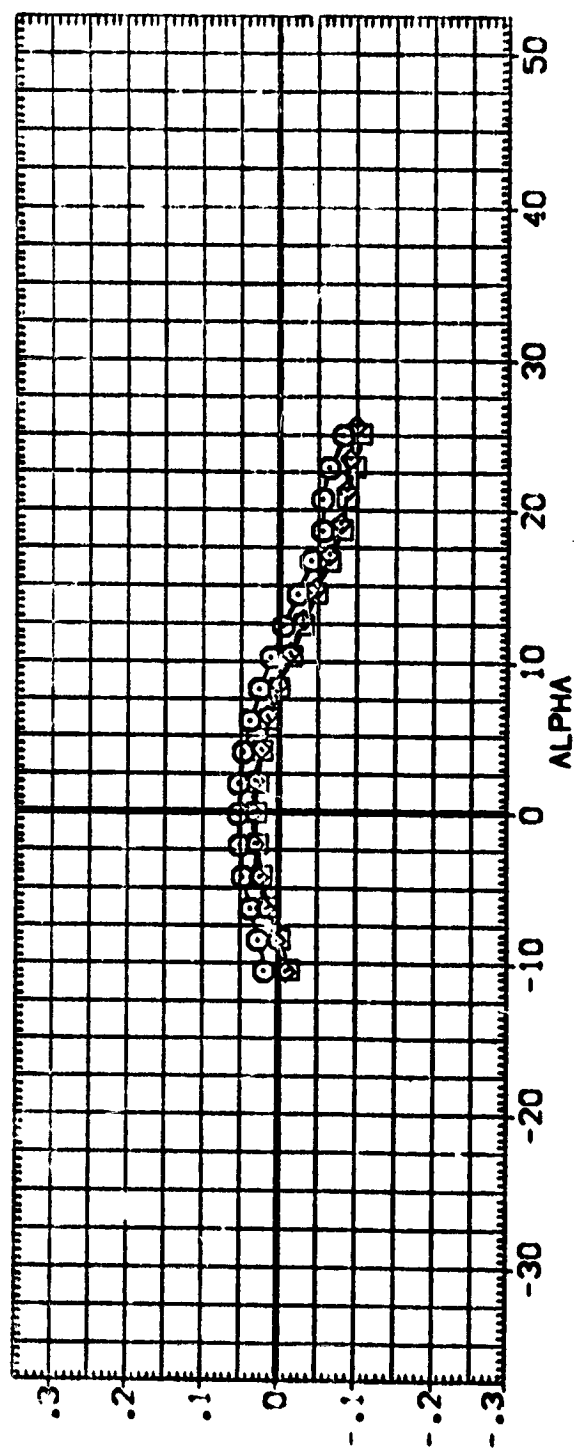
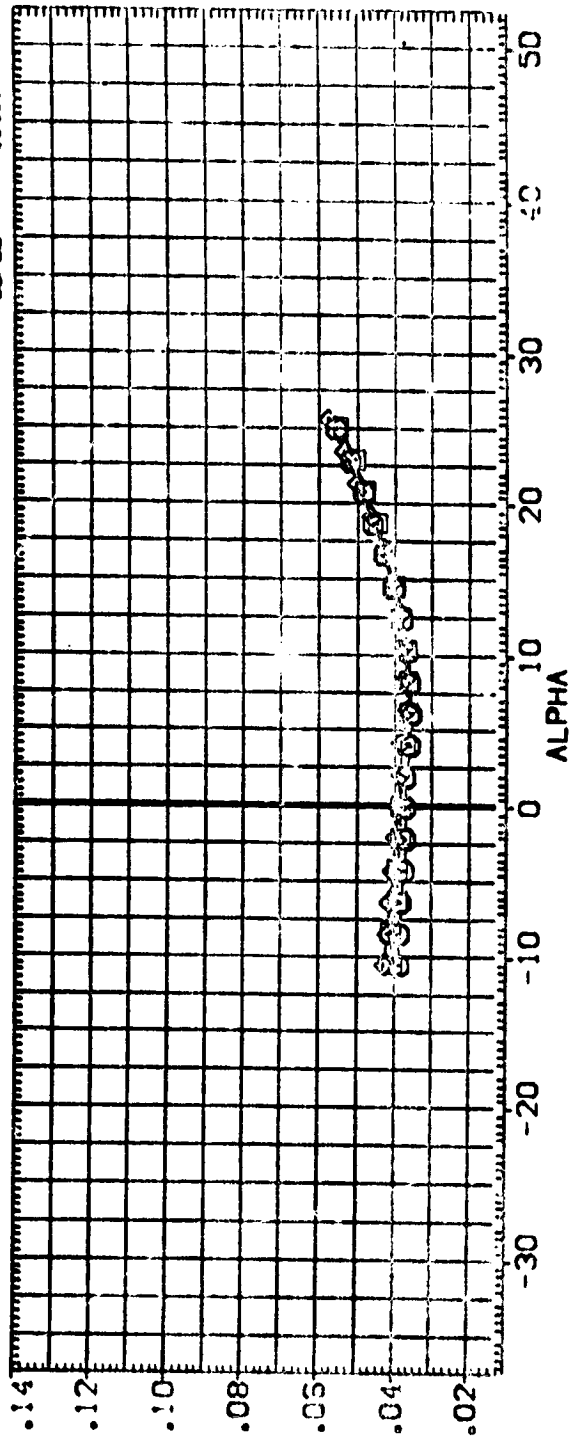


FIG 25 E55 OUTBOARD ELEVON EFFECTIVENESS, EI= 0

CAJ MACH = .20



DATA SET SYMBOL CONFIGURATION DESCRIPTION

[B9158] Q DA1158 BEZC12F 10M1828M1Z7E55V8 RS XS
 [B9112] Q DA1158 BEZC12F 10M1828M1Z7E55V8 RS XS
 [B9091] Q DA1158 BEZC12F 10M1828M1Z7E55V8 RS XS

ELV-L0 ELV-LJ ELV-R1 ELV-R0
 -35.000 .000 .000 -35.000
 10.000 .000 .000 10.000

REFERENCE INFORMATION
 SREF 2690.0100 SQ.FT.
 LREF 471.8100 INCHES
 BREF 925.6800 INCHES
 YMRP 1076.6800 INCHES
 ZMRP .0000 INCHES
 SCALE 375.0000 INCHES
 SCALE .0405

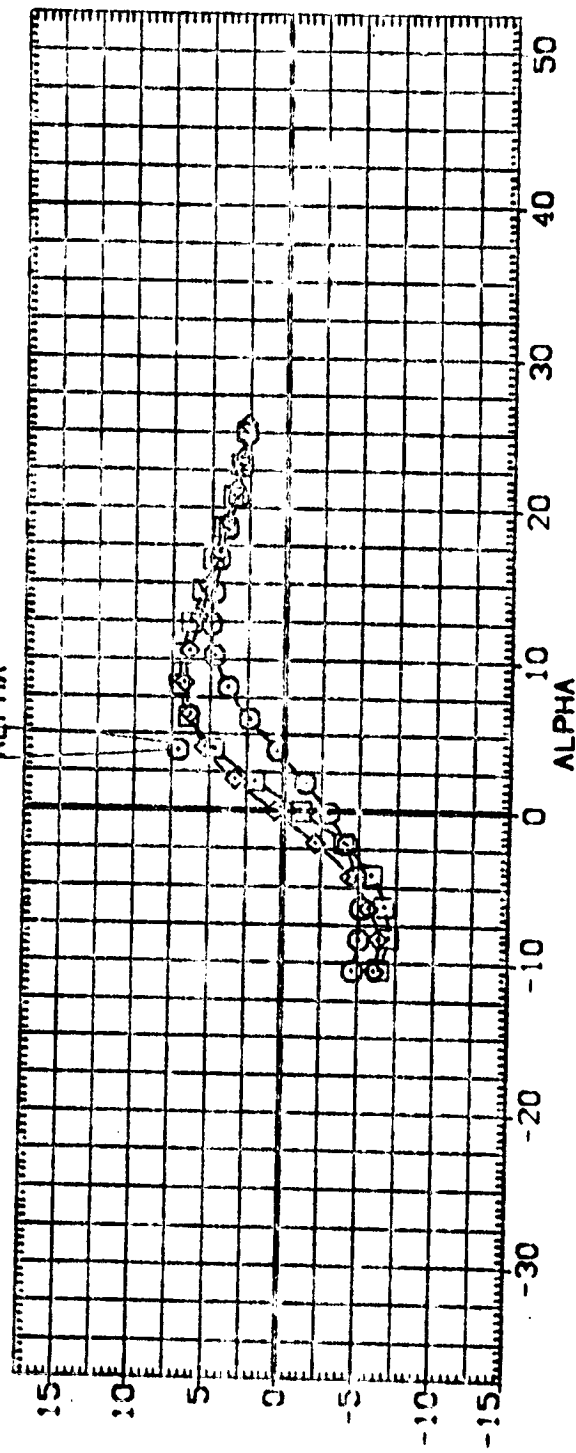
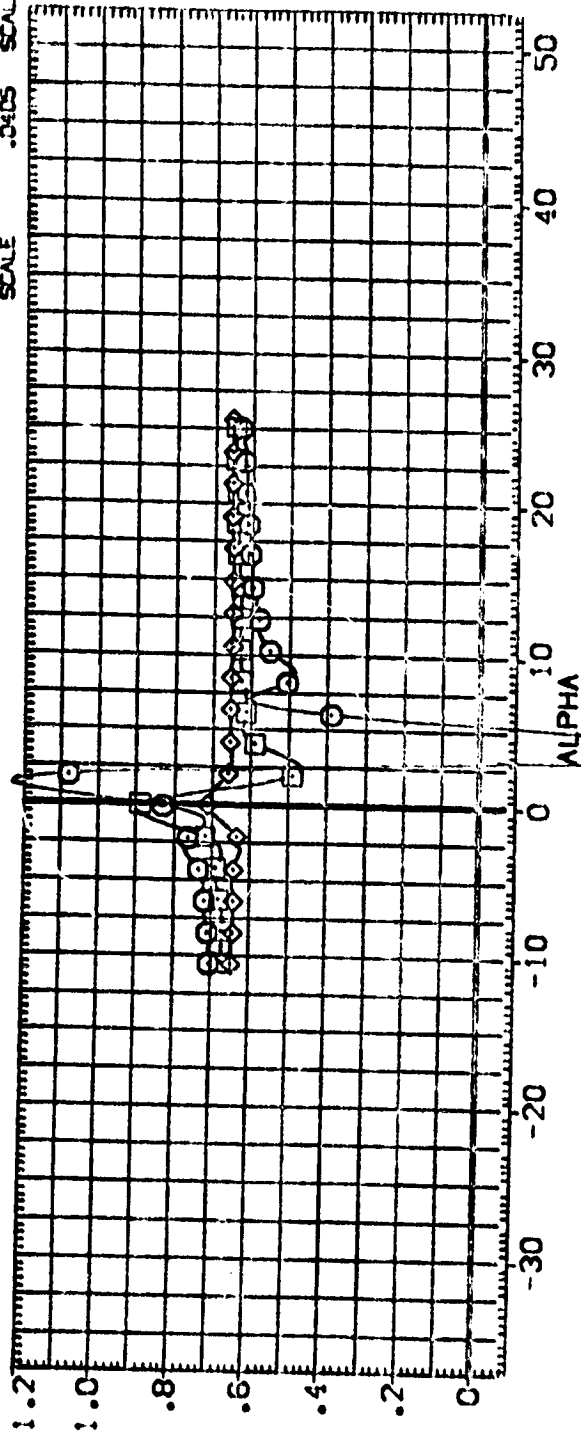


FIG 25 E55 OUTBOARD ELEVON EFFECTIVENESS. EI= 0

(A)MACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
[B9158]	0A1158 862C12 10M16-28M127E55V8 R5 X9	-35.000	.000	.000	-35.000	SREF 2690.0100
[B9112]	0A1158 862C12 10M16-28M127E55V8 R5 X9	.000	.000	.000	.000	LREF 471.8100
[B9031]	0A1158 862C12 10M16-28M127E55V8 R5 X9	10.000	.000	.000	10.000	BREF 936.8600
						YREF 1076.6300
						ZREF .0000
						SCALE .0405

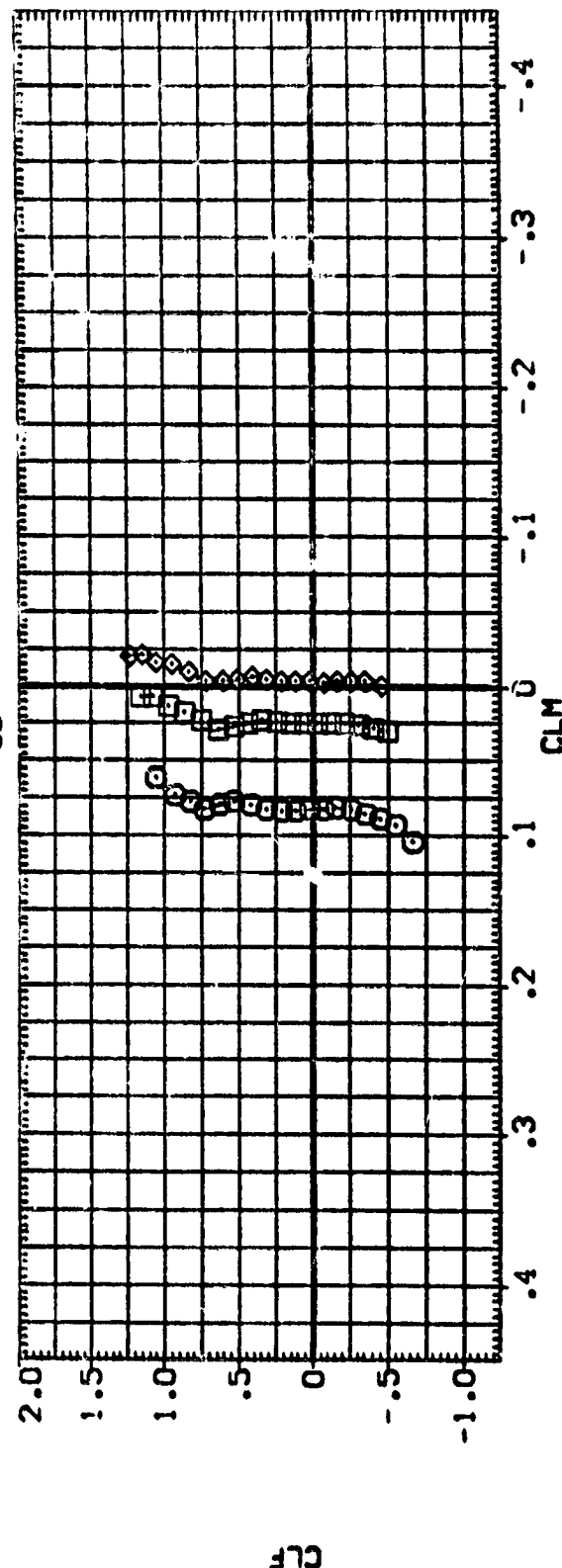
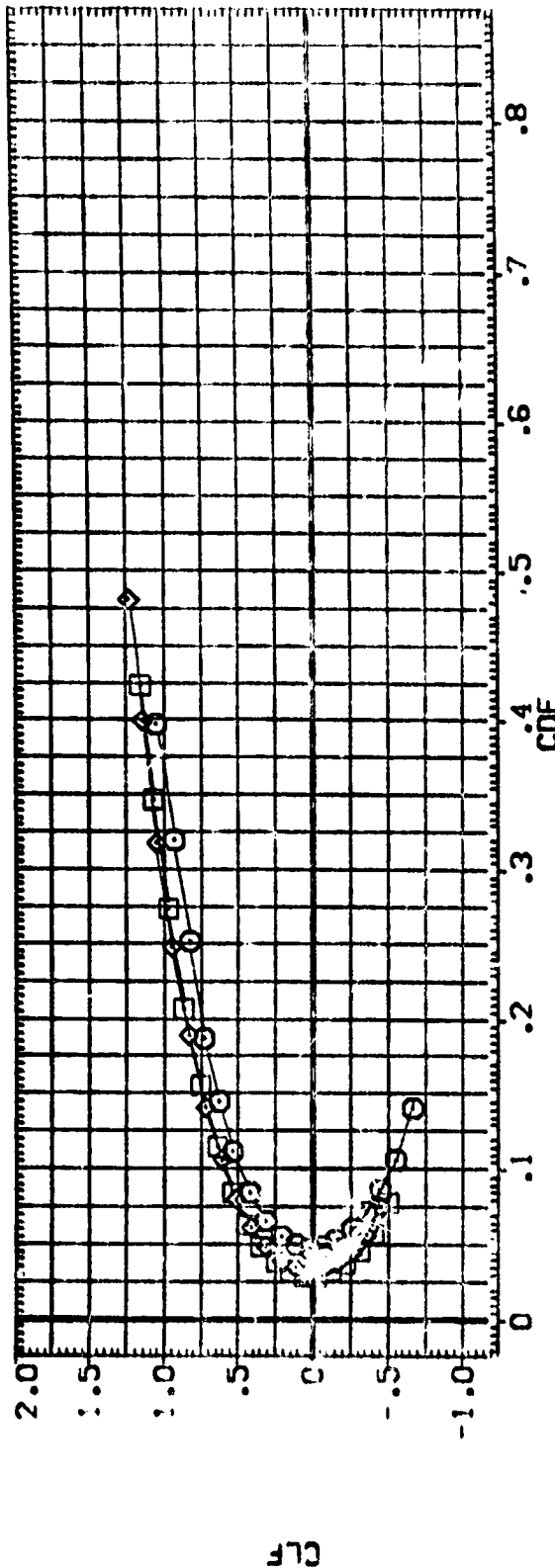


FIG 25 ESS OUTBOARD ELEVON EFFECTIVENESS, EI= 0

(A)MACH = .20



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LB	ELV-LI	ELV-RI	ELV-RB	REFERENCE INFORMATION
{#9158}	0A1198 862C12F 10M18C28V127E55V8 R5 X9	-35.000	.000	.000	-35.000	SREF 2690.0100 SQ.FT.
{#9112}	0A1198 862C12F 10M18C28V127E55V8 R5 X9	.000	.000	.000	.000	UREF 474.8100 INCHES
{#9052}	0A1198 862C12F 10M18C28V127E55V8 R5 X9	10.000	10.000	10.000	10.000	BREF 936.8800 INCHES
						YREF 1076.8800 INCHES
						ZREF .0000 INCHES
						SCALE 375.0000 SCALE

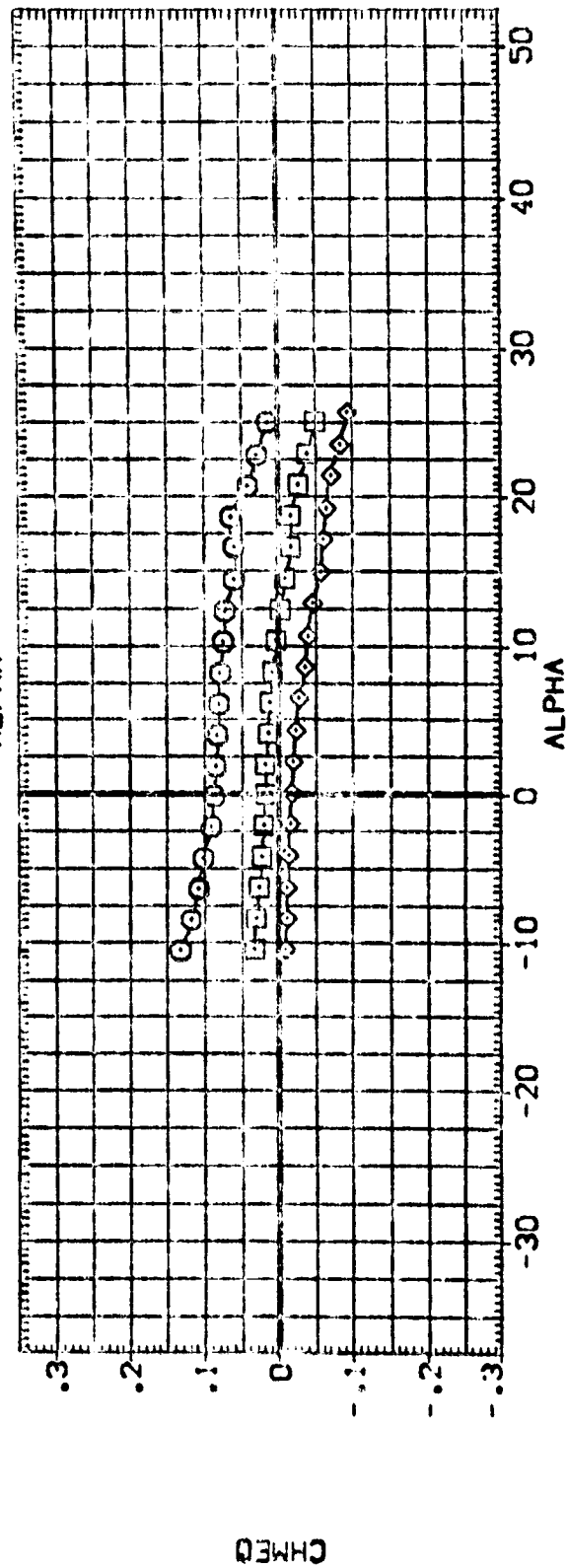
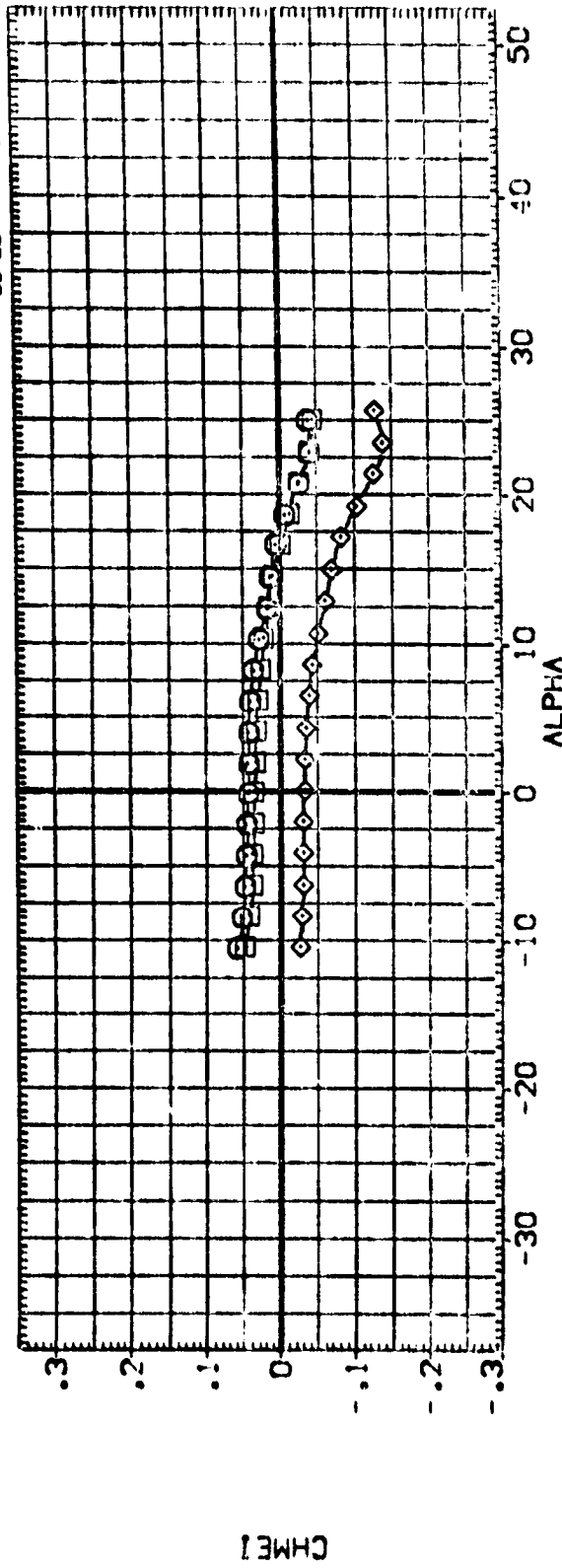


FIG 25 E55 OUTBOARD ELEVON EFFECTIVENESS, EI = 0

CAMAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[CF 9008]	0A1198 B62C12F10M16N28M177E55V8 R5 X9	.000	-12.000	25.000	.000	SREF 2690.0100 SQ.FT. 50.FT.
[CF 9053]	0A1198 B62C12F10M16N28M177E55V8 R5 X9	10.000	-12.000	25.000	.000	LREF 474.8100 INCHES
[CF 9107]	0A1198 B62C12F10M16N28M177E55V8 R5 X9	15.000	-12.000	25.000	.000	BREF 936.6800 INCHES
[CF 9008]	0A1198 B62C12F10M16N28M177E55V8 R5 X9	.000	.000	25.000	.000	XMRP 1076.6800 INCHES
[CF 9053]	0A1198 B62C12F10M16N28M177E55V8 R5 X9	10.000	.000	25.000	.000	YMRP 375.0100 INCHES
[CF 9107]	0A1198 B62C12F10M16N28M177E55V8 R5 X9	15.000	.000	25.000	.000	SCALE

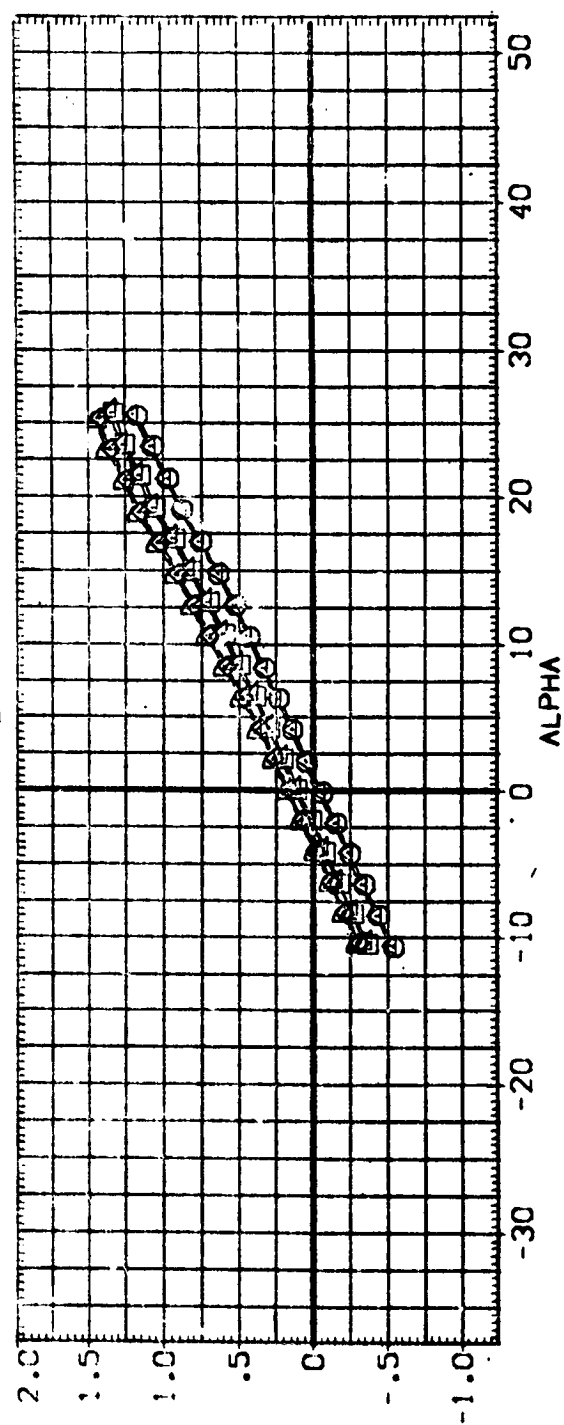
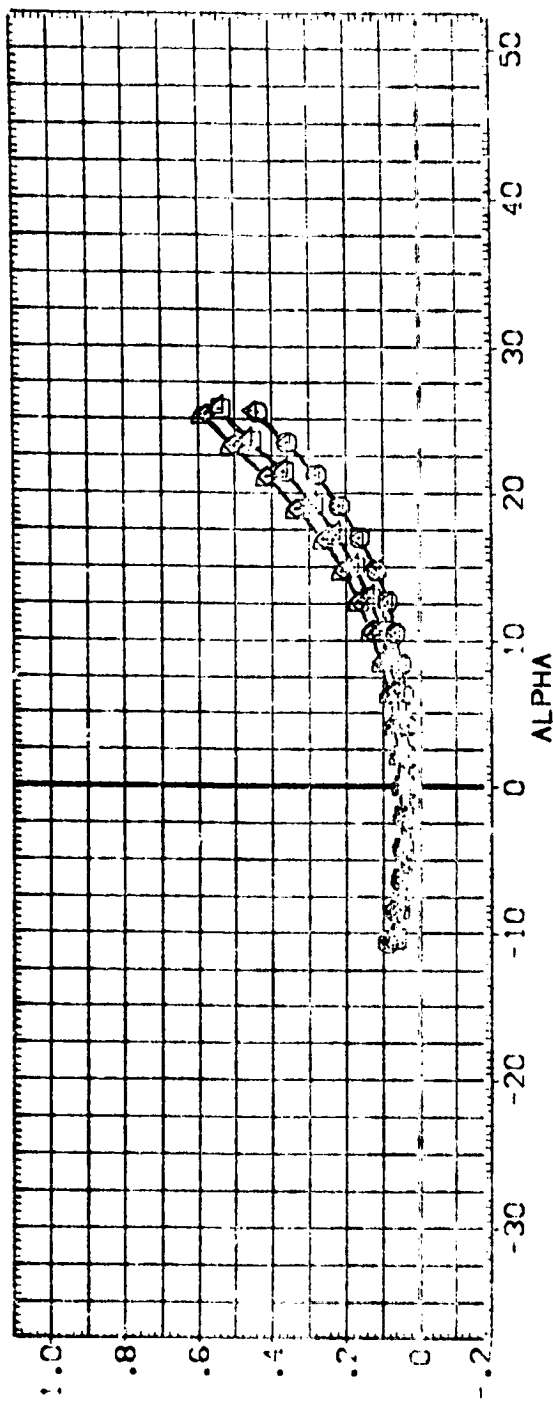


FIG 26 BODY FLAP EFFECTIVENESS, SHORT QMS (M=0.26)

(A)MACH = .26



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOON	RUDER	REFERENCE INFORMATION	SCALE
011193	86212	0.000	-12.000	25.000	.000	SRF 2690.0100	SCALE
011193	86212	0.000	-12.000	25.000	.000	BRF 174.8100	SCALE
011193	86212	0.000	-12.000	25.000	.000	BRF 936.8800	SCALE
011193	86212	0.000	-12.000	25.000	.000	YV33 1076.2800	SCALE
011193	86212	0.000	-12.000	25.000	.000	YV33 315.0000	SCALE
011193	86212	0.000	-12.000	25.000	.000	YV33 315.0000	SCALE

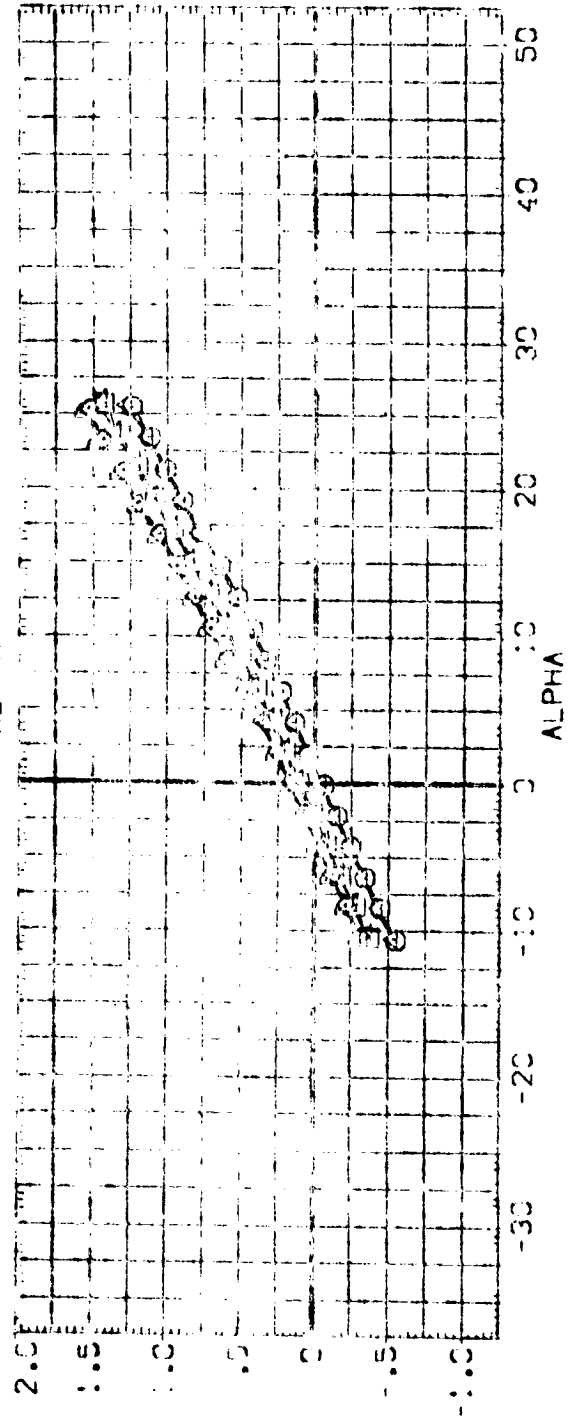
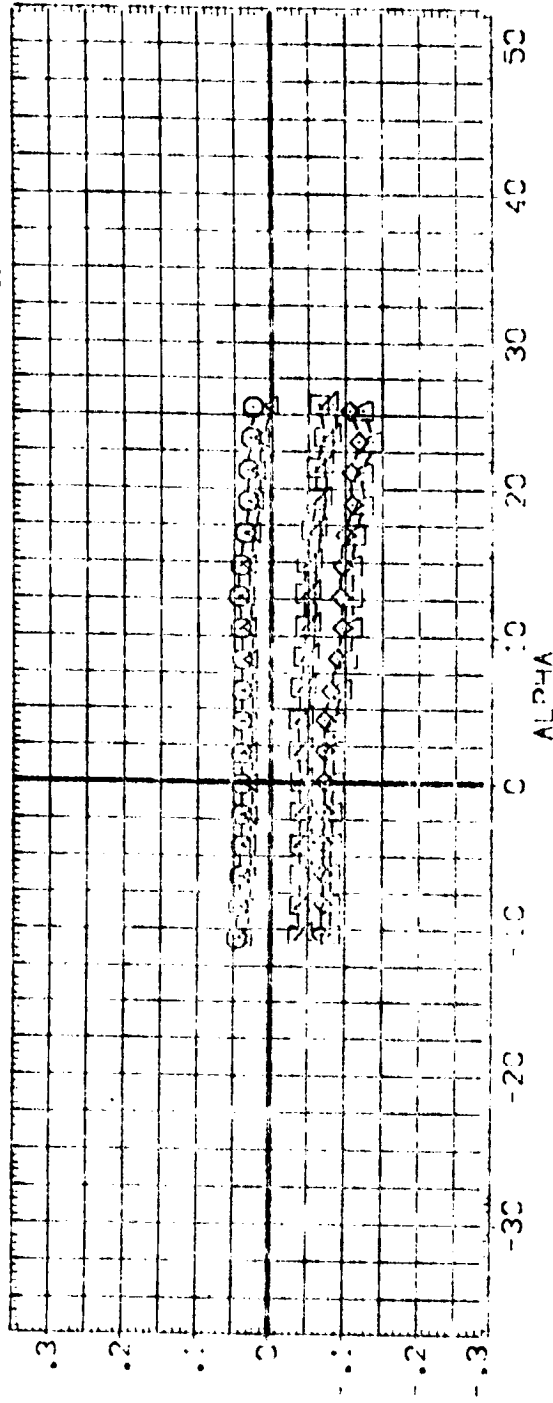


FIG 26 BODY FLAP EFFECTIVENESS, SHORT CMS (M=0.26)

DATA SET SYMB.	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RJDOER	REFERENCE INFORMATION
01199	B62C12F 10116N28V127E55V8 R5 X9	.000	-12.000	25.000	.000	2650.0100 SQ.FT.
01199	B62C12F 10116N28V127E55V8 R5 X9	10.000	-12.000	25.000	.000	474.8100
01199	B62C12F 10116N28V127E55V8 R5 X9	15.000	-12.000	25.000	.000	936.8800
01199	B62C12F 10116N28V127E55V8 R5 X9	10.000	-12.000	25.000	.000	1276.0000
01199	B62C12F 10116N28V127E55V8 R5 X9	10.000	-12.000	25.000	.000	3.5.0000
01199	B62C12F 10116N28V127E55V8 R5 X9	10.000	-12.000	25.000	.000	SCALE

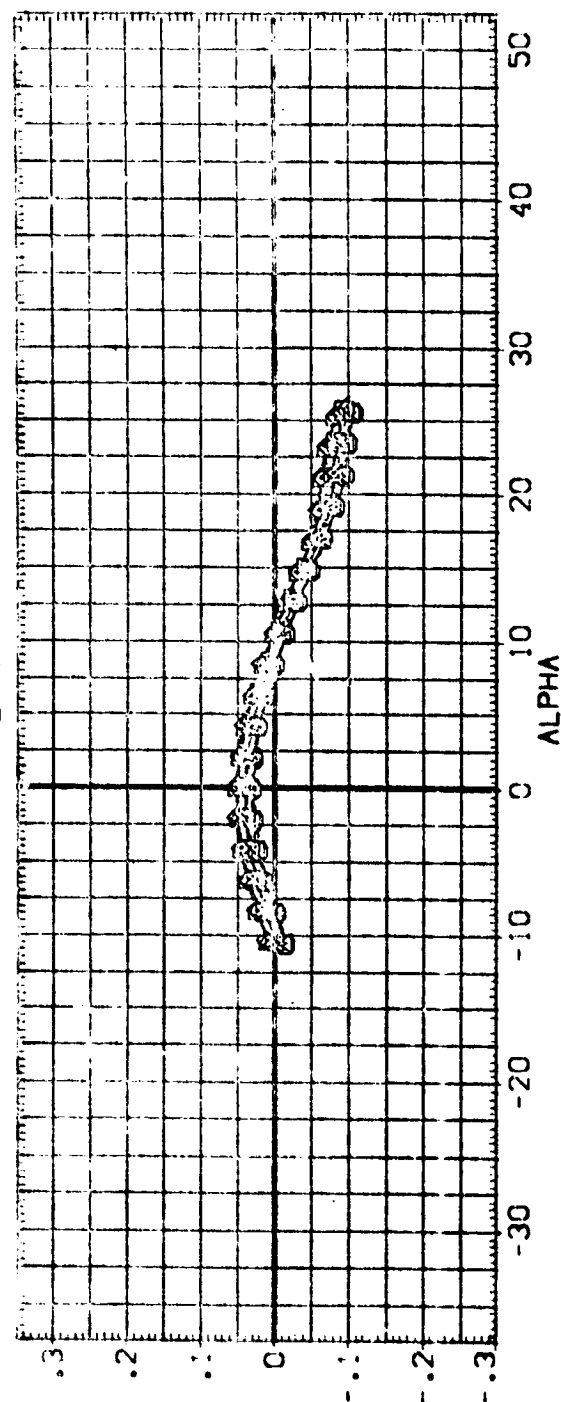
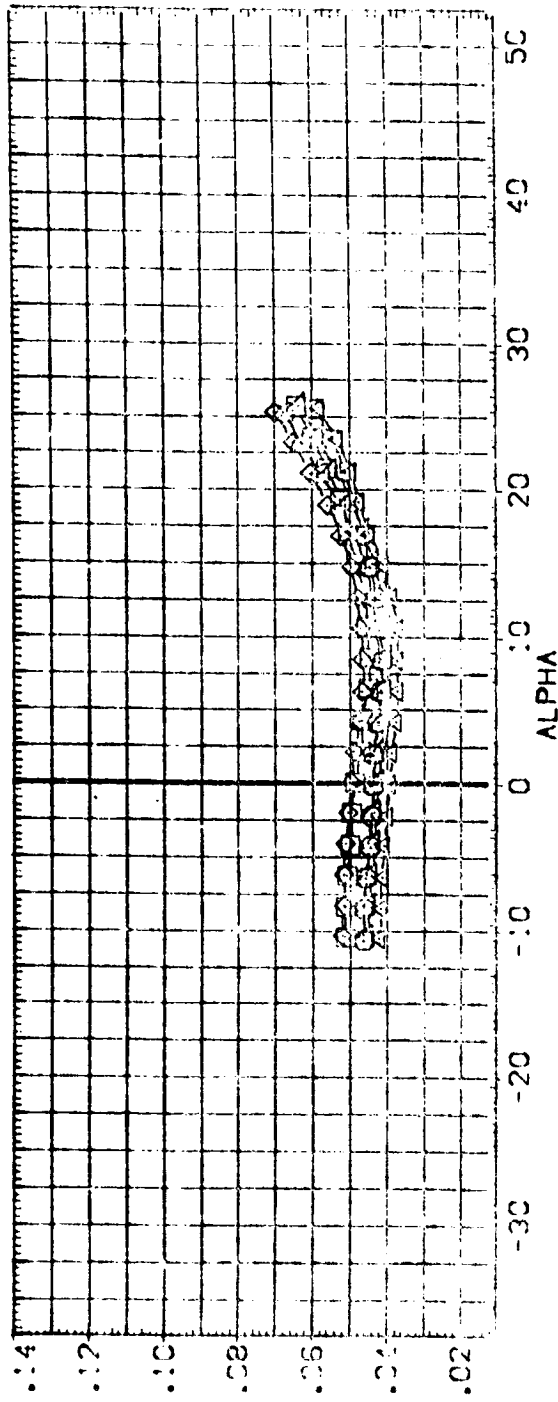


FIG 26 BODY FLAP EFFECTIVENESS, SHORT OMS (M=0.26)

(A) VACH = .26



ELEVON	BDF LAP	SFDBRK	RLOOR	REFERENCE INFORMATION	SQ. FT. SURFACES
000	-12,000	25,000	000	SRE	2690,0100
10,000	-12,000	25,000	000	REF	474,8100
15,000	-12,000	25,000	000	BRE	916,8100
20,000	-12,000	25,000	000	VER	10,8100
25,000	-12,000	25,000	000	AGE	3,5100
30,000	-12,000	25,000	000	SALE	3,5100
35,000	-12,000	25,000	000		3,5100
40,000	-12,000	25,000	000		3,5100
45,000	-12,000	25,000	000		3,5100
50,000	-12,000	25,000	000		3,5100
55,000	-12,000	25,000	000		3,5100
60,000	-12,000	25,000	000		3,5100
65,000	-12,000	25,000	000		3,5100
70,000	-12,000	25,000	000		3,5100
75,000	-12,000	25,000	000		3,5100
80,000	-12,000	25,000	000		3,5100
85,000	-12,000	25,000	000		3,5100
90,000	-12,000	25,000	000		3,5100
95,000	-12,000	25,000	000		3,5100
100,000	-12,000	25,000	000		3,5100

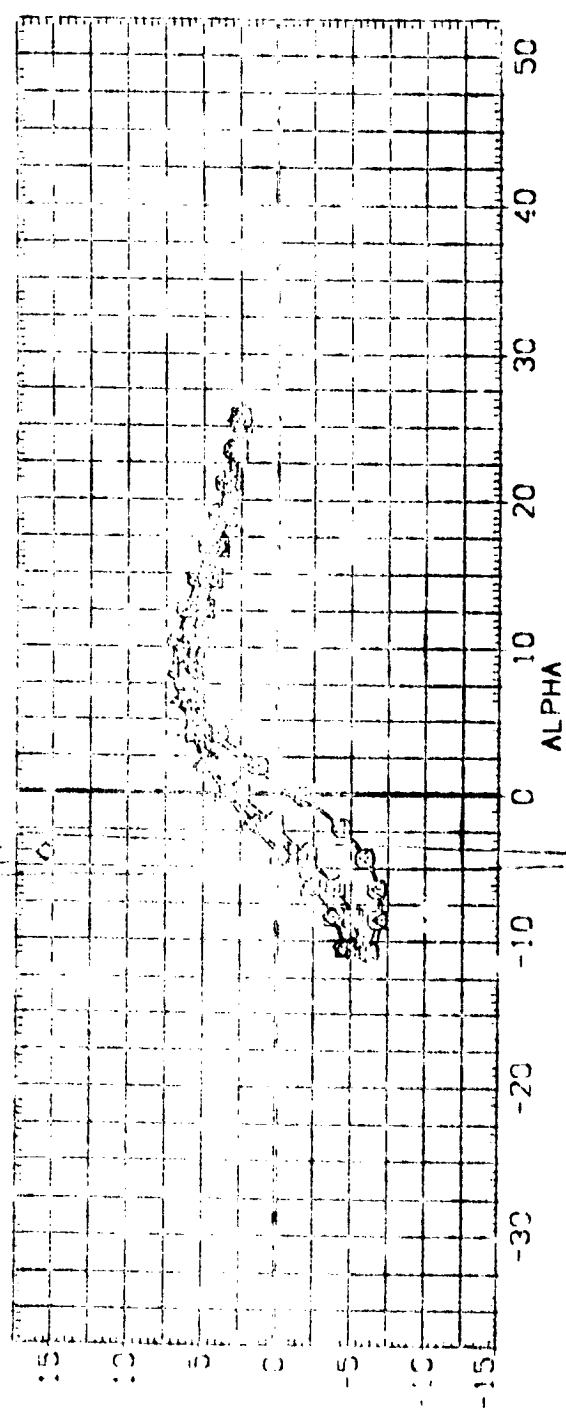
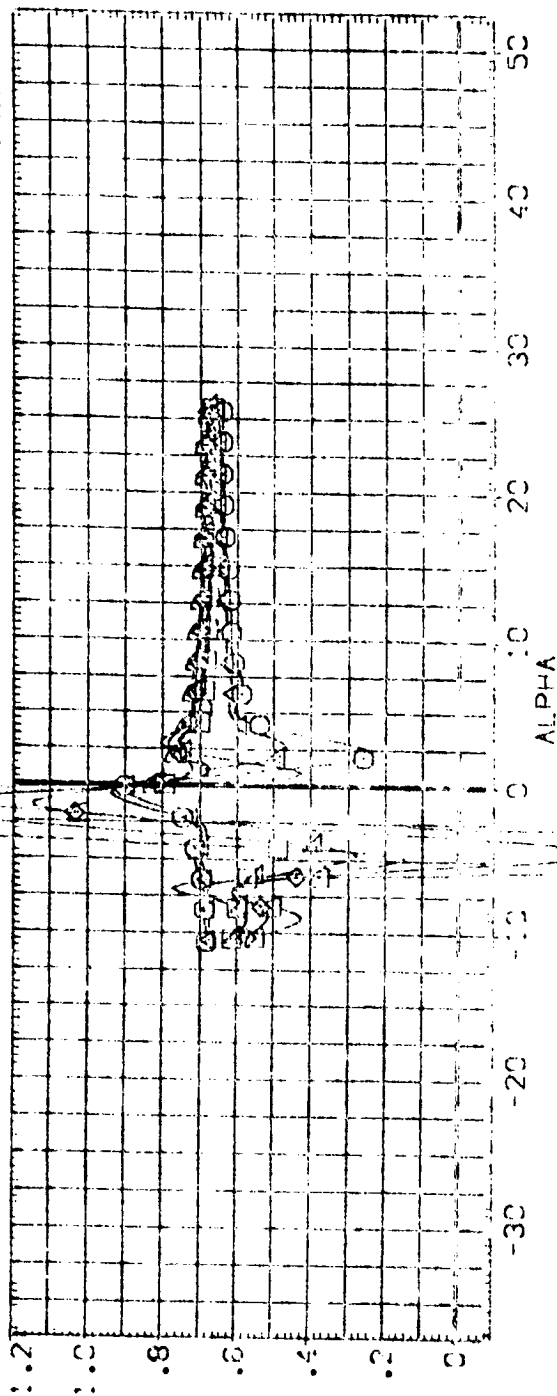


FIG 26 BODY FLAP EFFECTIVENESS, SHORT OMS (M=0.26)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RJDOER	REFERENCE INFORMATION
[CF9008]	DA1199 B62C12C10M16N28.127E55V8 R5 X9	.000	-12.000	25.000	.000	SREF 2650.0100 50.FT.S
[CF9009]	DA1199 B62C12C10M16N28.127E55V8 R5 X9	10.000	-12.000	25.000	.000	LREF 474.8100 INC.F.S
[CF9010]	DA1199 B62C12C10M16N28.127E55V8 R5 X9	15.000	-12.000	25.000	.000	BREF 936.6800 INC.F.S
[CF9011]	DA1199 B62C12C10M16N28.127E55V8 R5 X9	.000	.000	25.000	.000	AMP 1076.8800 INC.F.S
[CF9012]	DA1199 B62C12C10M16N28.127E55V8 R5 X9	10.000	.000	25.000	.000	AMP 1076.8800 INC.F.S
[CF9013]	DA1199 B62C12C10M16N28.127E55V8 R5 X9	15.000	.000	25.000	.000	AMP 1076.8800 INC.F.S
[CF9014]	DA1199 B62C12C10M16N28.127E55V8 R5 X9	.000	.000	25.000	.000	AMP 1076.8800 INC.F.S
[CF9015]	DA1199 B62C12C10M16N28.127E55V8 R5 X9	10.000	.000	25.000	.000	AMP 1076.8800 INC.F.S
[CF9016]	DA1199 B62C12C10M16N28.127E55V8 R5 X9	15.000	.000	25.000	.000	AMP 1076.8800 INC.F.S
						SCALE 375.0000 0.005

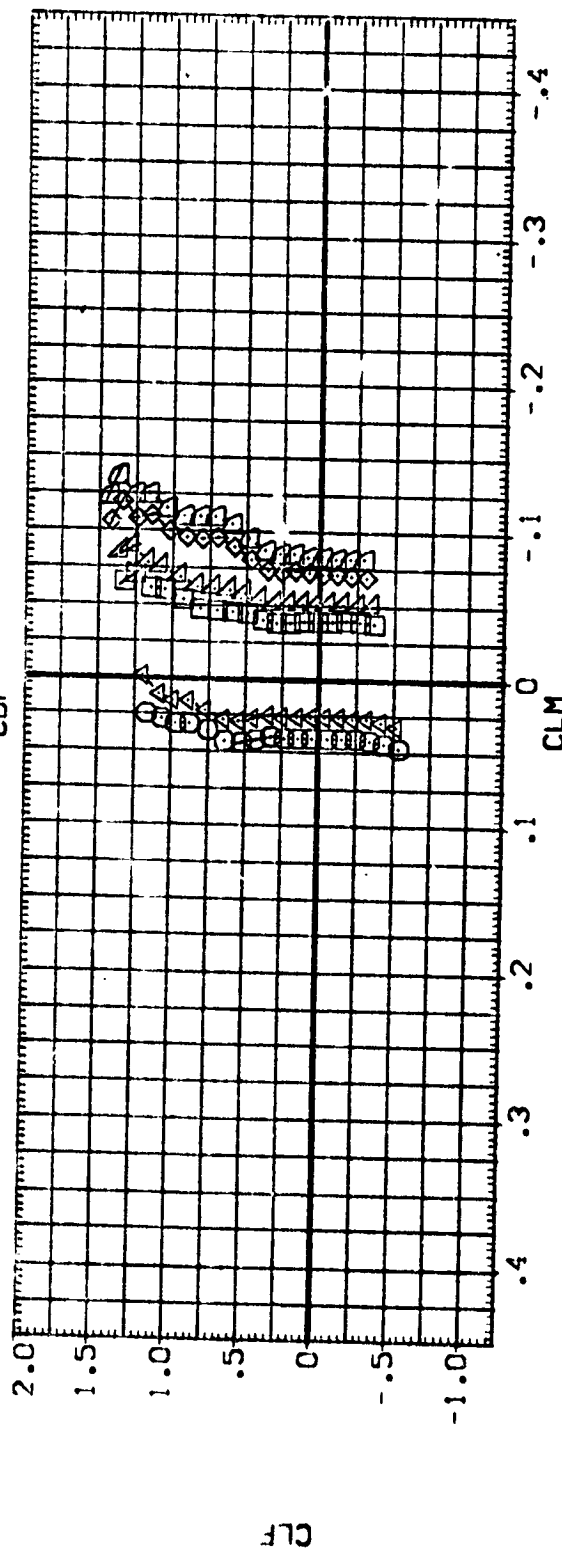
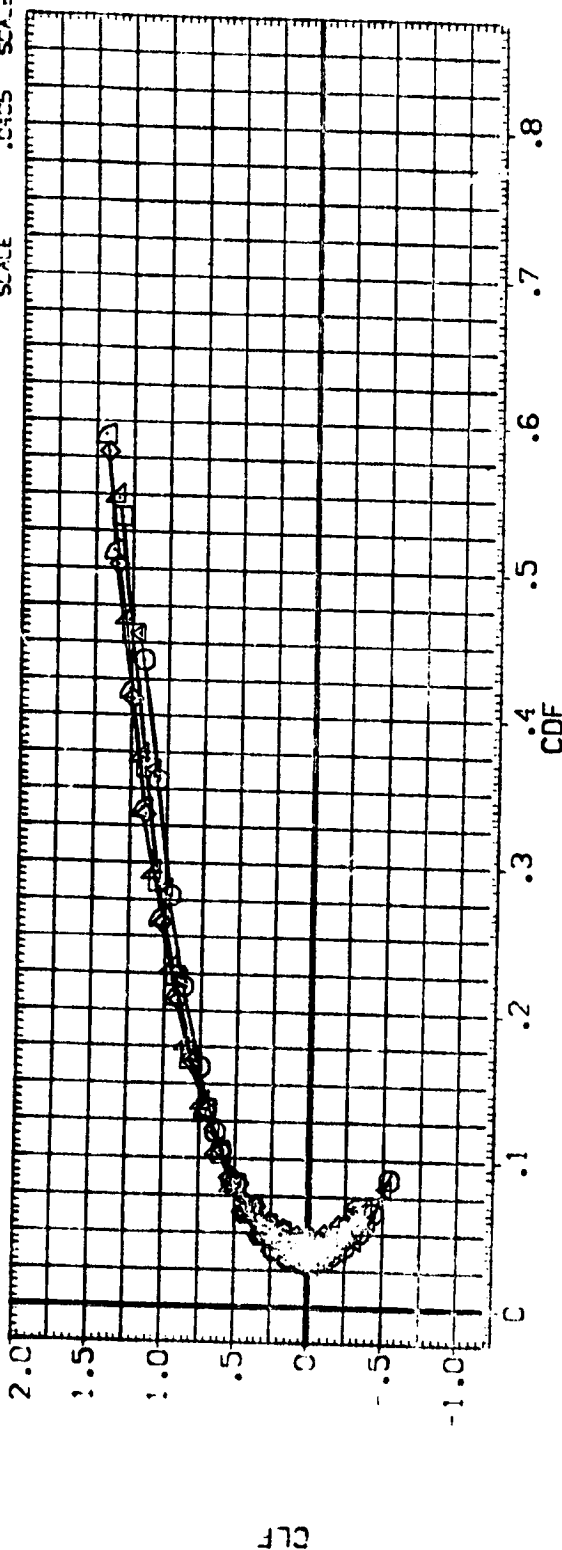


FIG 26 BODY FLAP EFFECTIVENESS, SHORT OMS (M=0.26)

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPODBK	RUDER	REFERENCE INFORMATION
01193	862C 12 1047 N784 27E55.8 RS X9	.000	-12.000	25.000	.000	SREF 2690.0100 SQ.FT. 50
01193	862C 12 1047 N784 27E55.8 RS X9	-10.000	-12.000	25.000	.000	LREF 474.8100 INCHES 50
01193	862C 12 1047 N784 27E55.8 RS X9	-10.000	-12.000	25.000	.000	BREF 936.6800 INCHES 50
01193	862C 12 1047 N784 27E55.8 RS X9	.000	.000	25.000	.000	VMRP 1076.6800 INCHES 50
01193	862C 12 1047 N784 27E55.8 RS X9	-10.000	.000	25.000	.000	VMRP 375.0000 INCHES 50
01193	862C 12 1047 N784 27E55.8 RS X9	-10.000	.000	25.000	.000	SCALE .0405

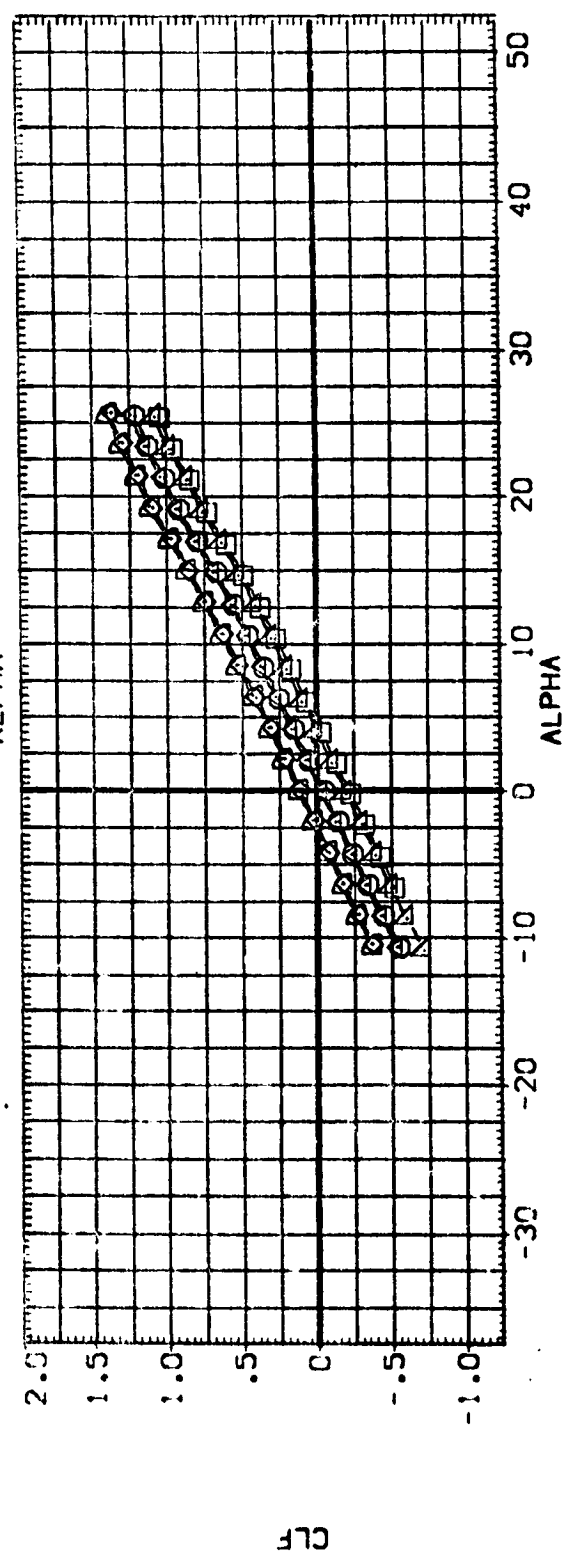
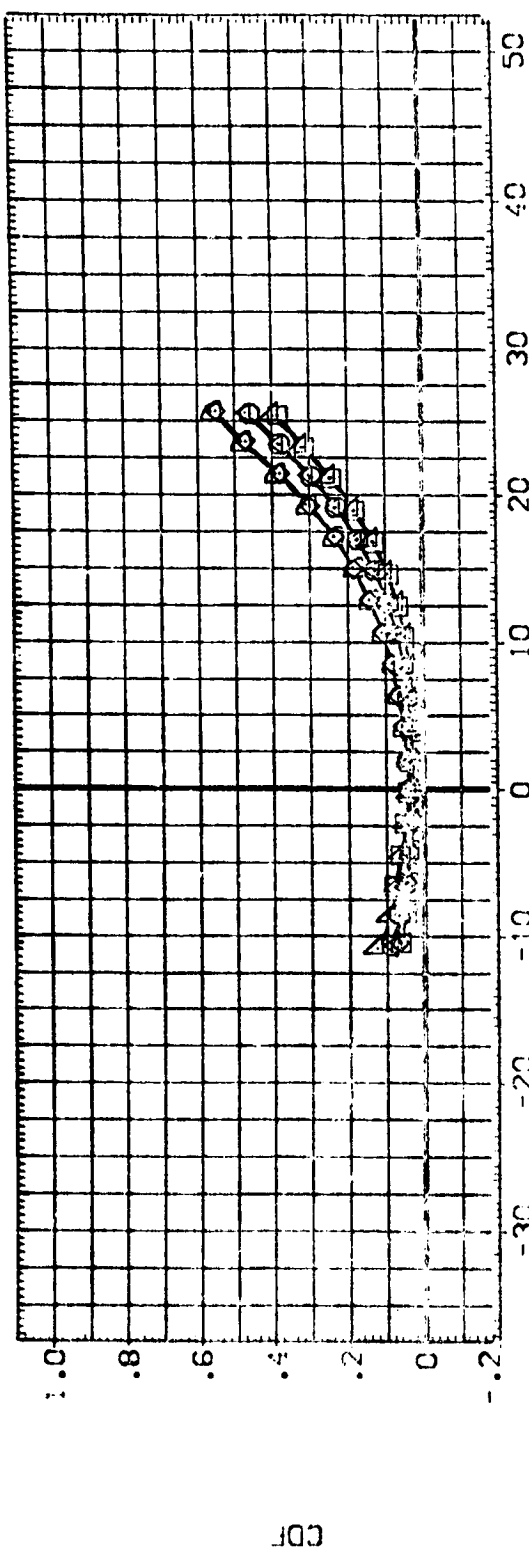


FIG 27 BODY FLAP EFFECTIVENESS, LONG QMS (M=0.26)

(A)MACH = .26



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
CF9071	0A1193 3620 2F 1047 N28.127E55.8 R5 X9	.000	-12.000	25.000	.000	SREF 2690.0100 SQ.FT.
CF9057	0A1193 3620 2F 1047 N28.127E55.8 R5 X9	-10.000	-12.000	25.000	.000	LREF 474.8100 INCHES
CF9058	0A1193 3620 2F 1047 N28.127E55.8 R5 X9	.000	-12.000	25.000	.000	BREF 936.5800 INCHES
CF9059	0A1193 3620 2F 1047 N28.127E55.8 R5 X9	.000	.000	25.000	.000	XREF 1076.5800 INCHES
CF9060	0A1193 3620 2F 1047 N28.127E55.8 R5 X9	-10.000	.000	25.000	.000	YREF .0000 INCHES
CF9061	0A1193 3620 2F 1047 N28.127E55.8 R5 X9	-10.000	.000	25.000	.000	ZREF .0000 INCHES
CF9062	0A1193 3620 2F 1047 N28.127E55.8 R5 X9	-10.000	.000	25.000	.000	SCALE 375.0000 INCHES

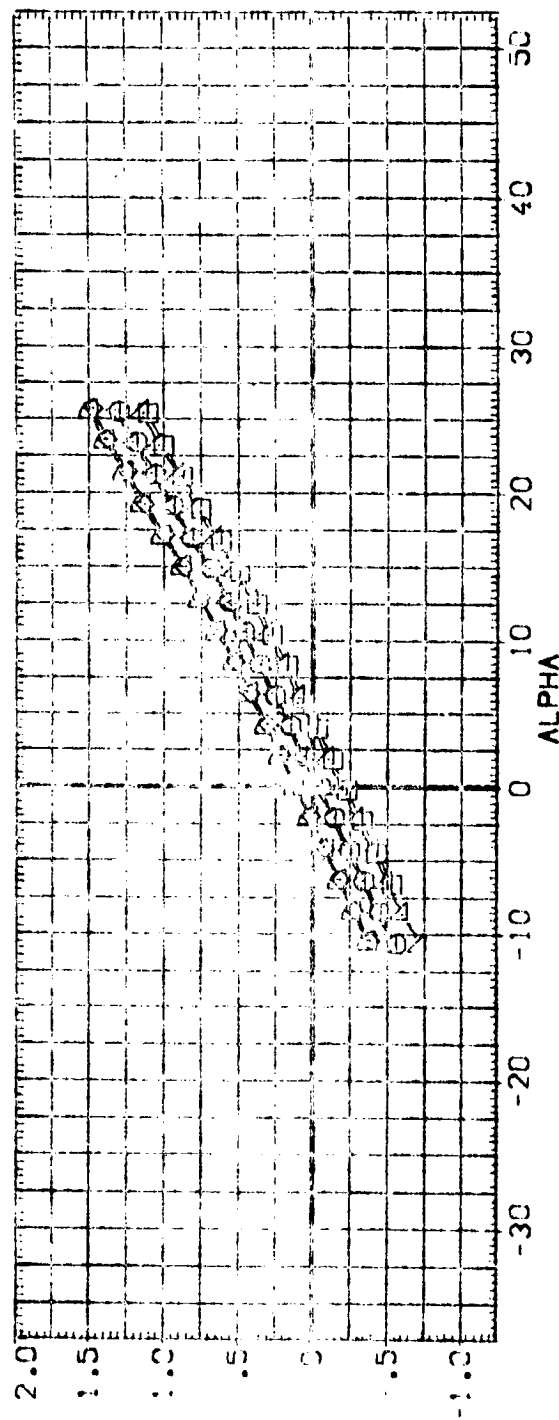
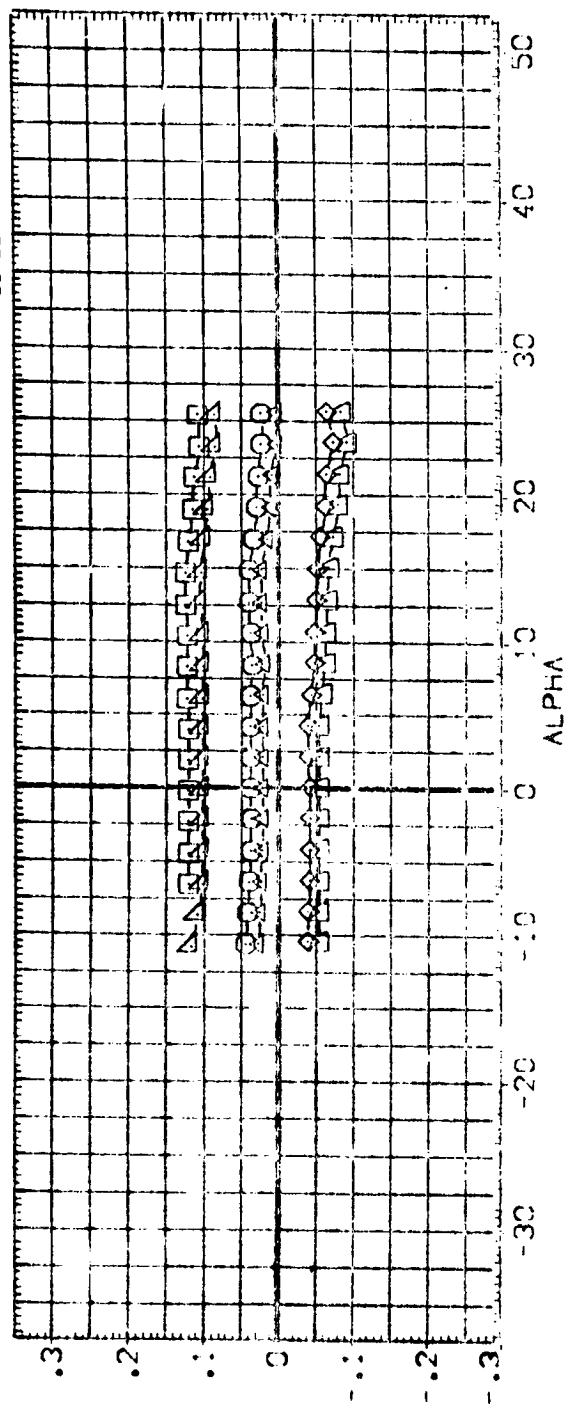


FIG 27 BODY FLAP EFFECTIVENESS, LONG OMS (M=0.26)

CALMACH = .26

DATA SET SYMBO.	CONF. IG. RATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(CF 9027)	0A1198 B62C 12F 1047 N28V127E55V8 R5 X9	.000	-12.000	25.000	.000	SREF 2680.0100 SQ.F. S
(CF 9057)	0A1198 B62C 12F 1047 N28V127E55V8 R5 X9	-10.000	-12.000	25.000	.000	LREF 474.8100 INCHES S
(CF 9058)	0A1198 B62C 12F 1047 N28V127E55V8 R5 X9	10.000	-12.000	25.000	.000	BREF 936.8800 INCHES S
(CF 9070)	0A1198 B62C 12F 1047 N28V127E55V8 R5 X9	.000	.000	25.000	.000	XMAP 1076.6800 INCHES S
(CF 9056)	0A1198 B62C 12F 1047 N28V127E55V8 R5 X9	-10.000	.000	25.000	.000	YMAP 0000 INCHES S
(CF 9059)	0A1198 B62C 12F 1047 N28V127E55V8 R5 X9	.000	.000	25.000	.000	ZMAP 375.0000 INCHES S
						SCALE 0.005

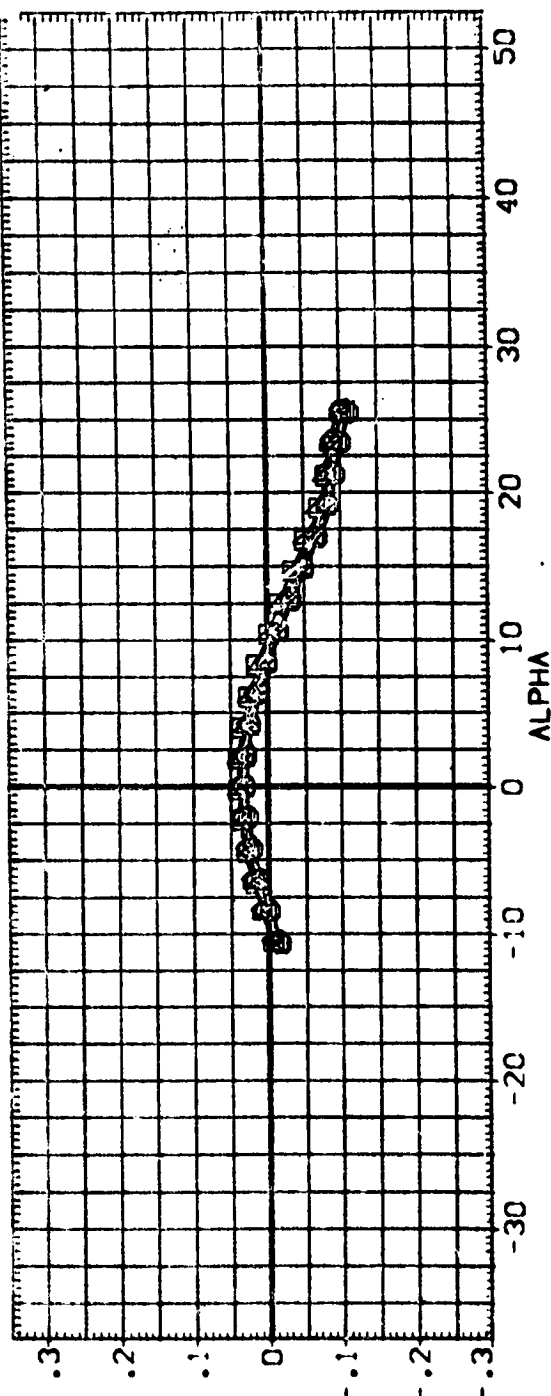
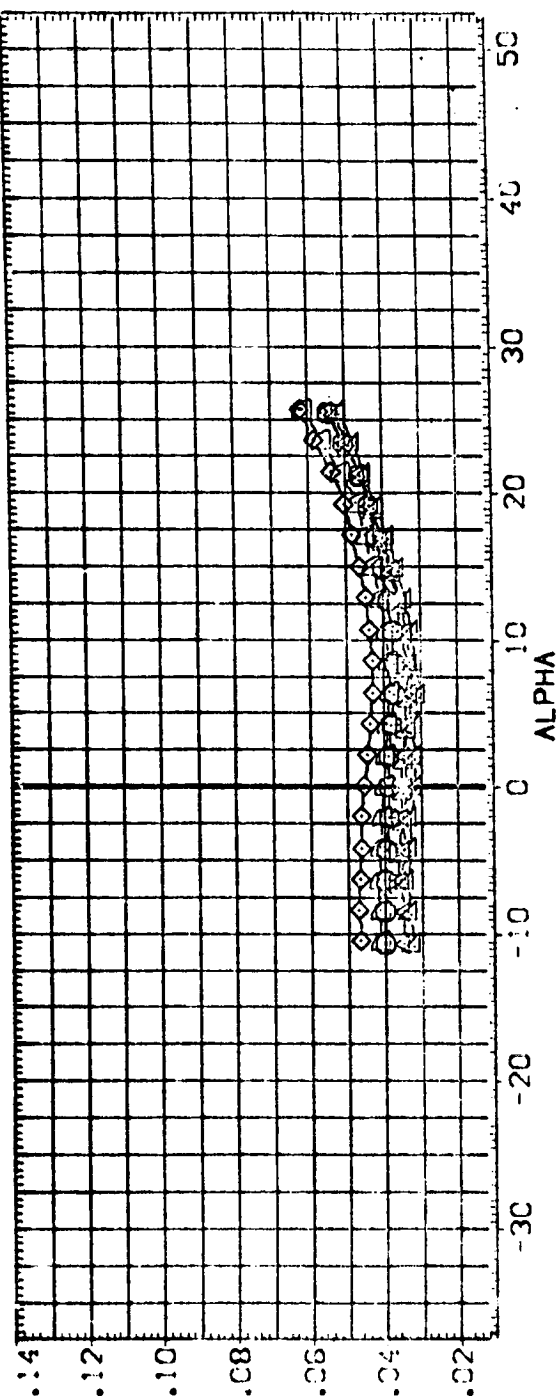


FIG 27 BODY FLAP EFFECTIVENESS. LONG QMS (M=0.26)

(A) VACH = .26



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVATION	BOFLAP	SPOBRK	RJDOER	REFERENCE INFORMATION	SCALE
01193	8620	0.000	-12.000	25.000	.000	SREF 2690.0100	SC.FT.
01193	8620	10.000	-12.000	25.000	.000	LREF 474.8100	INCHES
01193	8620	10.000	-12.000	25.000	.000	BREF 936.8800	INCHES
01193	8620	10.000	-12.000	25.000	.000	XREF 1076.6800	INCHES
01193	8620	10.000	-12.000	25.000	.000	YREF 375.0000	INCHES
01193	8620	10.000	-12.000	25.000	.000	ZREF 375.0000	INCHES
01193	8620	10.000	-12.000	25.000	.000	SCALE 1.0000	INCHES

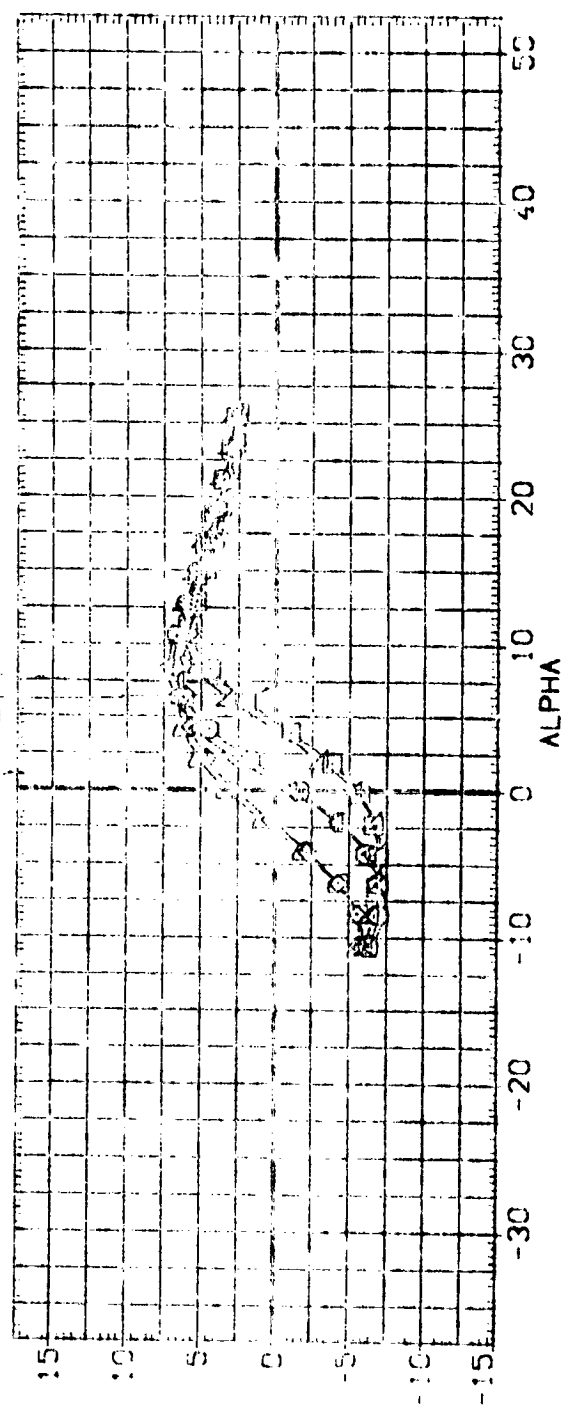
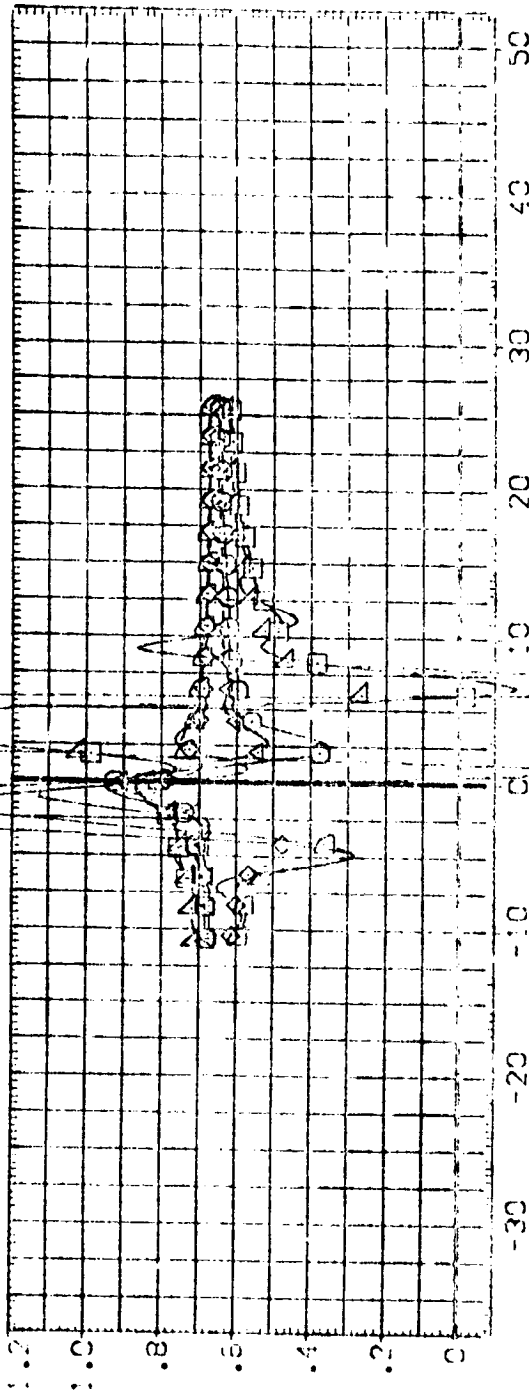


FIG 27 BODY FLAP EFFECTIVENESS, LONG RMS (M=0.26)

CAMAC = .26



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDER	REFERENCE INFORMATION
CF9077	0A1193 862C12 1047 N28M127E55V8 R5 X9	.000	-12.000	25.000	.000	SREF 2690.0100 SQ.FT.
CF9057	0A1193 862C12 1047 N28M127E55V8 R5 X9	-10.000	-12.000	25.000	.000	LREF 474.8100 INCHES
CF9058	0A1193 862C12 1047 N28M127E55V8 R5 X9	10.000	-12.000	25.000	.000	BREF 936.8800 INCHES
CF9070	0A1193 862C12 1047 N28M127E55V8 R5 X9	.000	.000	25.000	.000	X-RP 1076.0000 INCHES
CF9056	0A1193 862C12 1047 N28M127E55V8 R5 X9	-10.000	.000	25.000	.000	Y-RP 375.0000 INCHES
CF9059	0A1193 862C12 1047 N28M127E55V8 R5 X9	10.000	.000	25.000	.000	Z-RP 375.0000 INCHES
						SCALE .0405

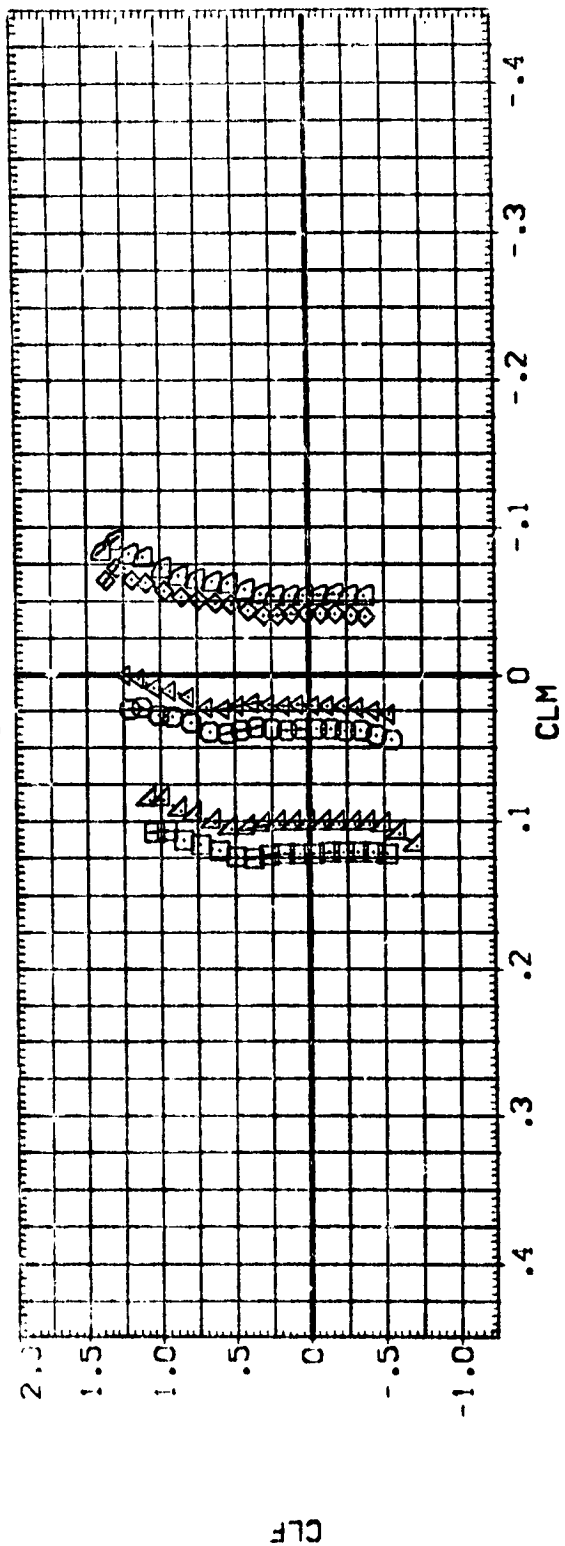
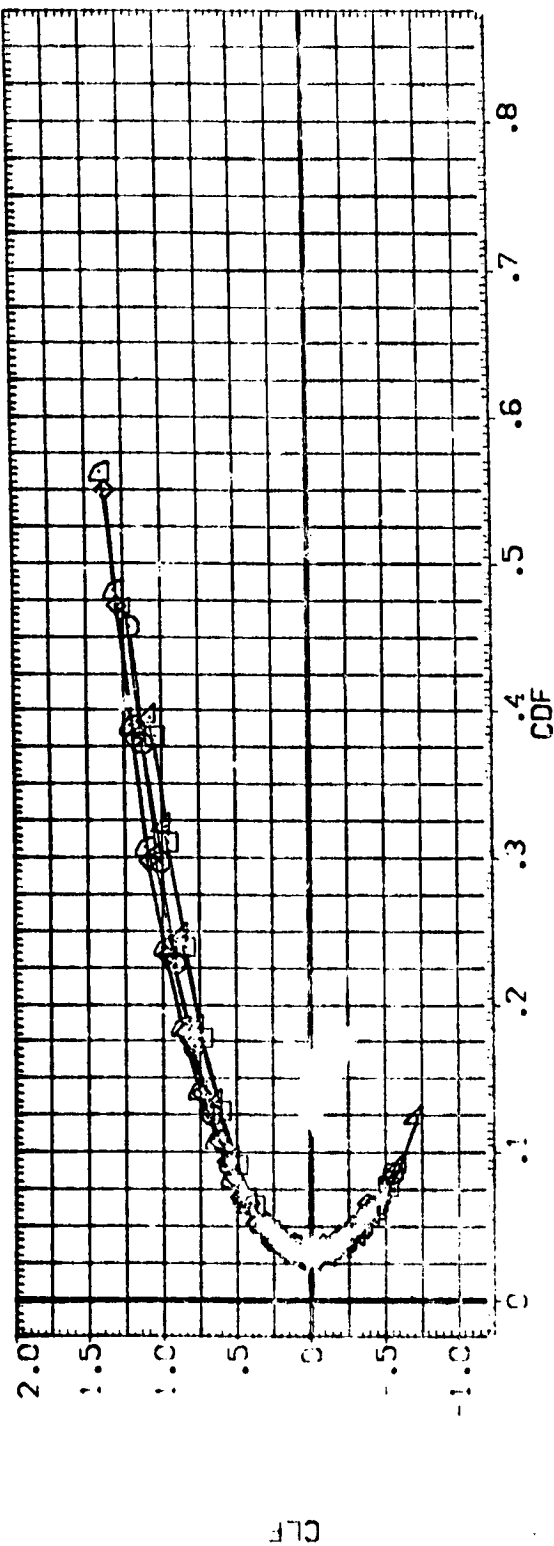


FIG 27 BODY FLAP EFFECTIVENESS, LONG QMS (M=0.26)

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVATION	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
01 93 8620	28.127E55.8 R5 X9	.000	-12.000	25.000	.000	SREF 2690.0100 SO.FT.
02 93 8621	28.127E55.8 R5 X9	-10.000	-12.000	25.000	.000	LREF 474.8100 INCHES
03 93 8622	28.127E55.8 R5 X9	.000	-12.000	25.000	.000	BREF 936.8600 INCHES
04 93 8623	28.127E55.8 R5 X9	.000	.000	25.000	.000	XREF 1076.8600 INCHES
05 93 8624	28.127E55.8 R5 X9	-10.000	.000	25.000	.000	YREF 375.3200 INCHES
06 93 8625	28.127E55.8 R5 X9	-10.000	.000	25.000	.000	ZREF 375.3200 INCHES
07 93 8626	28.127E55.8 R5 X9	-10.000	.000	25.000	.000	SCALE .0005

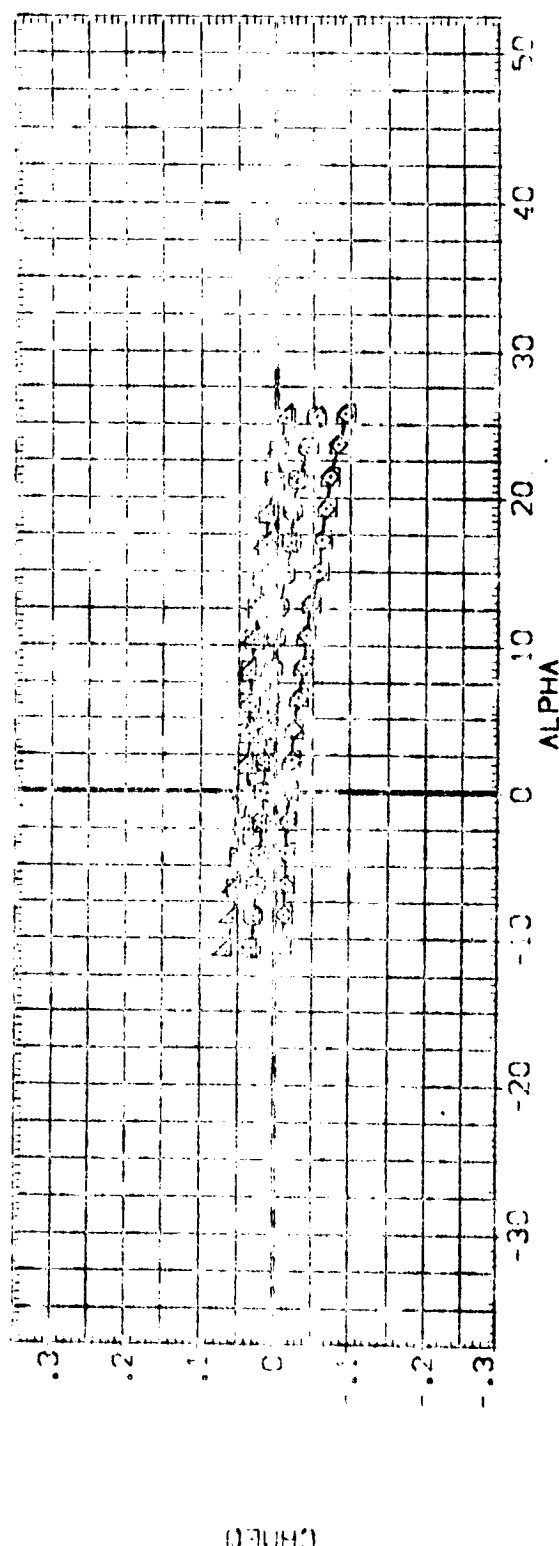
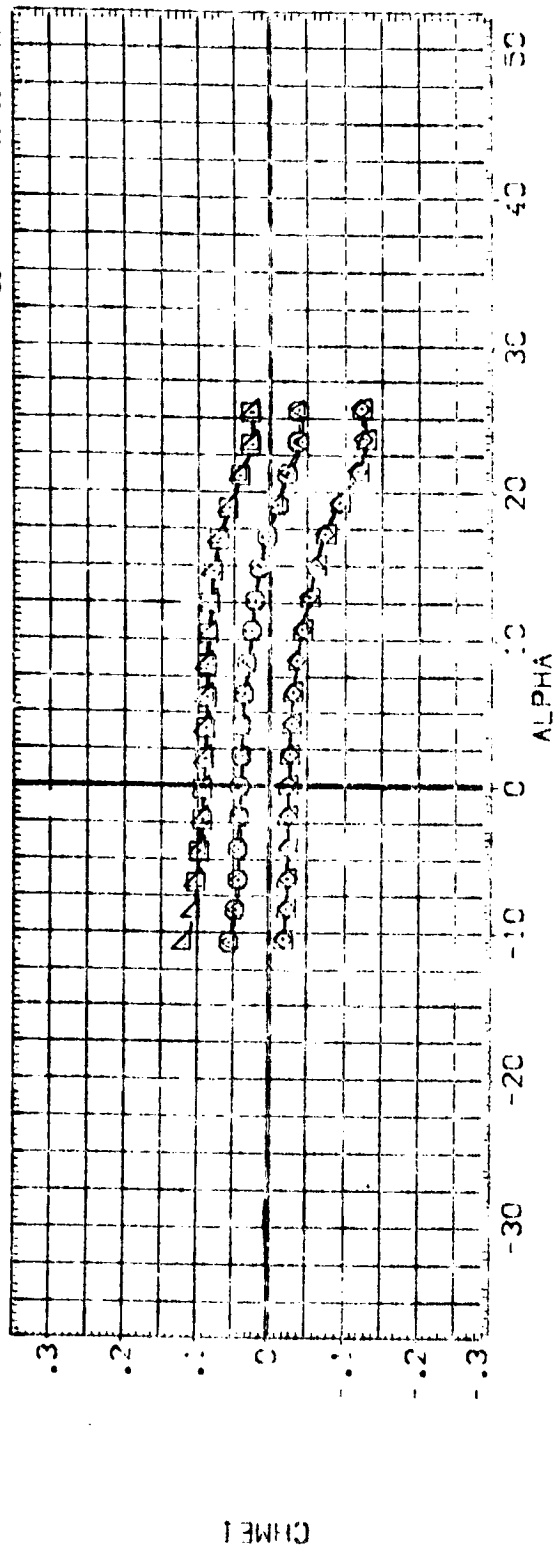


FIG 27 BODY FLAP EFFECTIVENESS, LONG QMS (M=0.26)

(A) MACH = .26

DATA SET SYMBO.	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SO.FT.
[CF9124]	0A1198 B620 2F10M16A28.127E55V8 R5 X9	.000	-12.000	25.000	.000	SREF	2580.0100
[CF9125]	0A1198 B620 2F10M16A28.127E55V8 R5 X9	5.000	-12.000	25.000	.000	SREF	474.8100
[CF9126]	0A1198 B620 2F10M16A28.127E55V8 R5 X9	10.000	-12.000	25.000	.000	SREF	936.8800
[CF9127]	0A1198 B620 2F10M16A28.127E55V8 R5 X9	.000	.000	25.000	.000	YREF	1076.8800
[CF9128]	0A1198 B620 2F10M16A28.127E55V8 R5 X9	5.000	.000	25.000	.000	YREF	375.0400
[CF9129]	0A1198 B620 2F10M16A28.127E55V8 R5 X9	10.000	.000	25.000	.000	YREF	375.0400
[CF9130]	0A1198 B620 2F10M16A28.127E55V8 R5 X9					SCALE	
[CF9131]	0A1198 B620 2F10M16A28.127E55V8 R5 X9					SCALE	

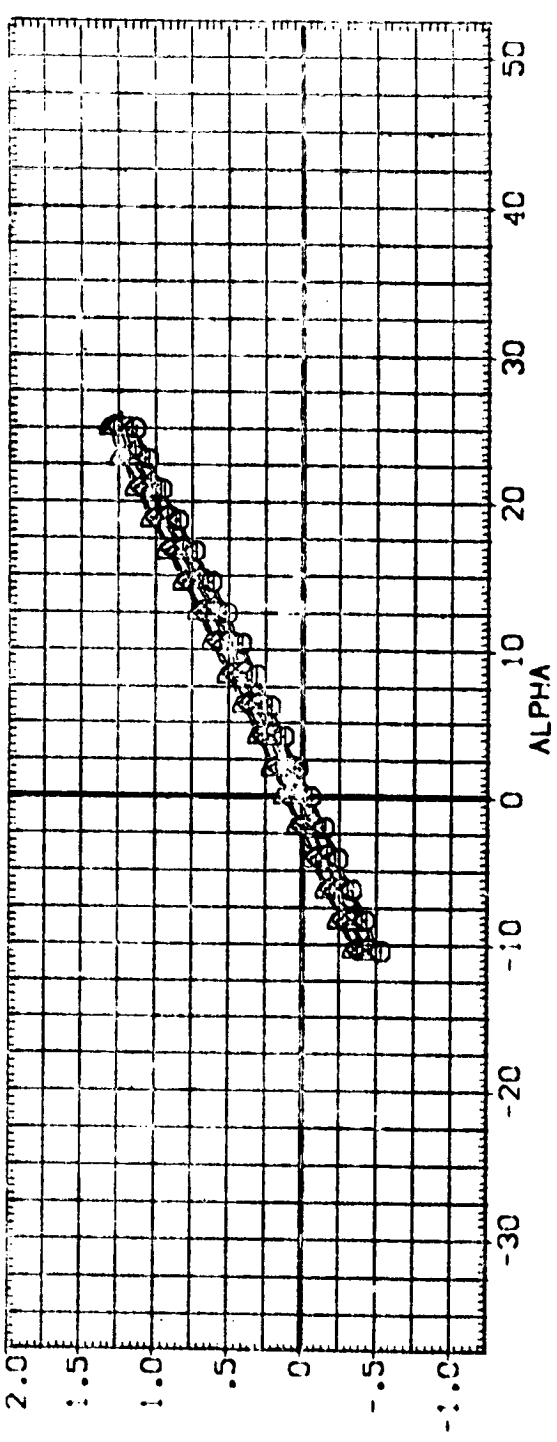
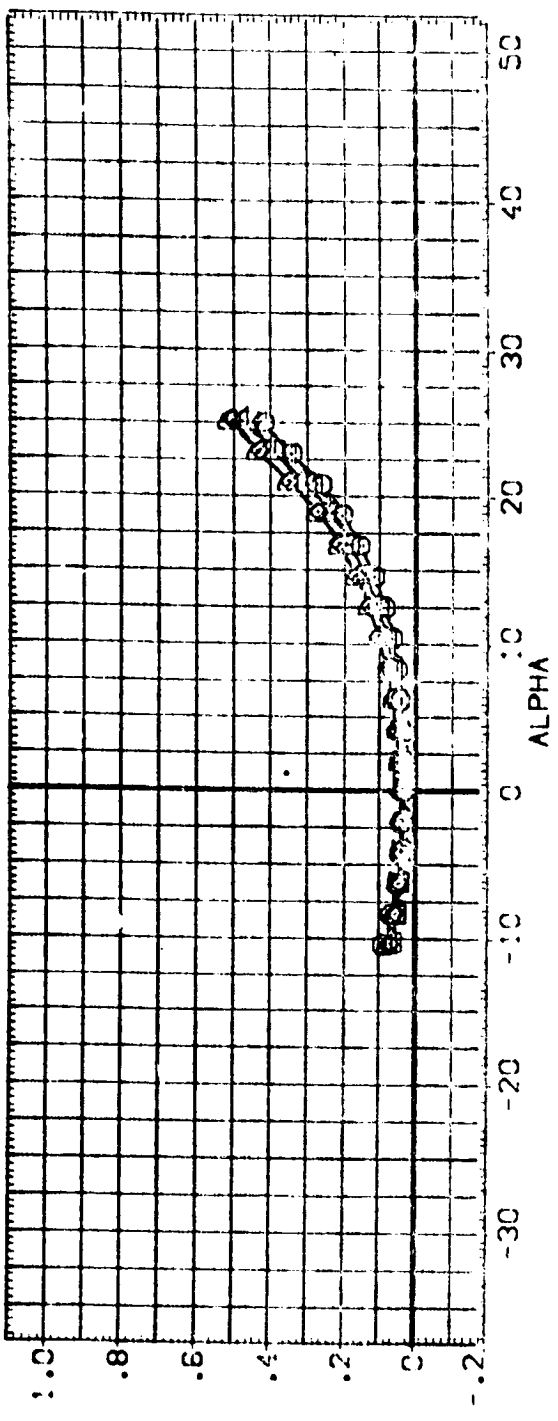


FIG 28 BODY FLAP EFFECTIVENESS, SHORT OMS (M=0.20)

(A)MACH = .20



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
011153	862C12 01 6A28 127E55.8 RS X9	.000	-12.000	25.000	.000	SREF 2680.0100
011153	862C12 01 6A28 127E55.8 RS X9	5.000	-12.000	25.000	.000	LREF 474.8000
011153	862C12 01 6A28 127E55.8 RS X9	10.000	-12.000	25.000	.000	BREF 935.8000
011153	862C12 01 6A28 127E55.8 RS X9	5.000	.000	25.000	.000	XREF 10.0000
011153	862C12 01 6A28 127E55.8 RS X9	10.000	.000	25.000	.000	YREF 375.0000
011153	862C12 01 6A28 127E55.8 RS X9					SCALE .0003

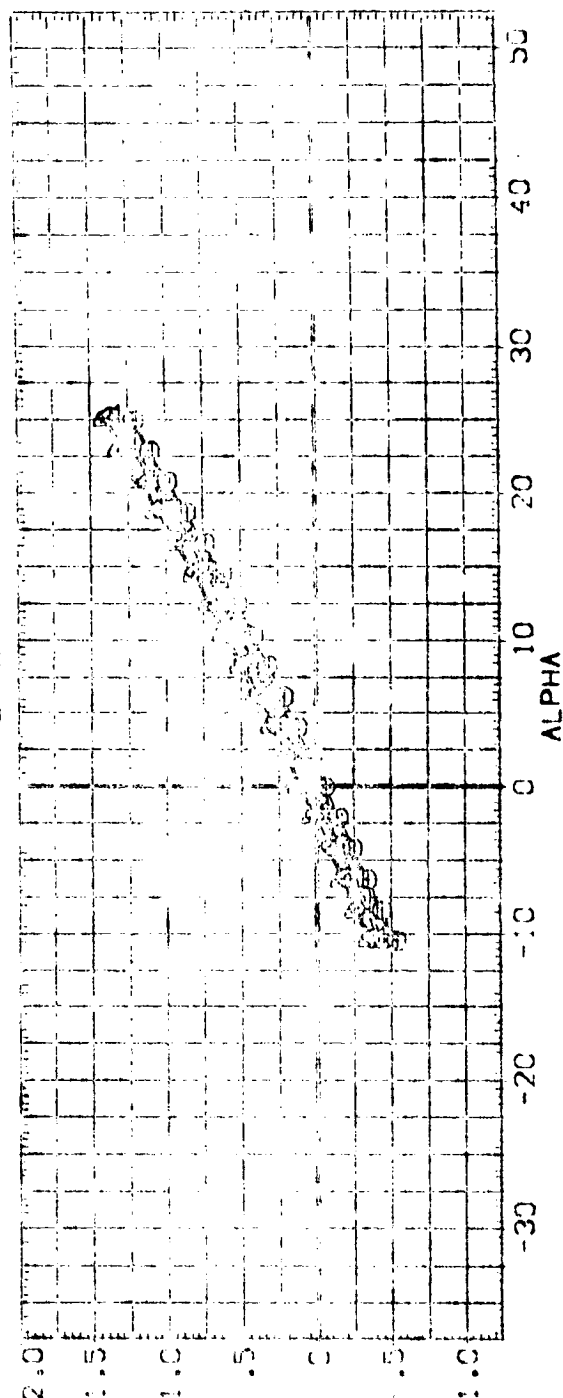
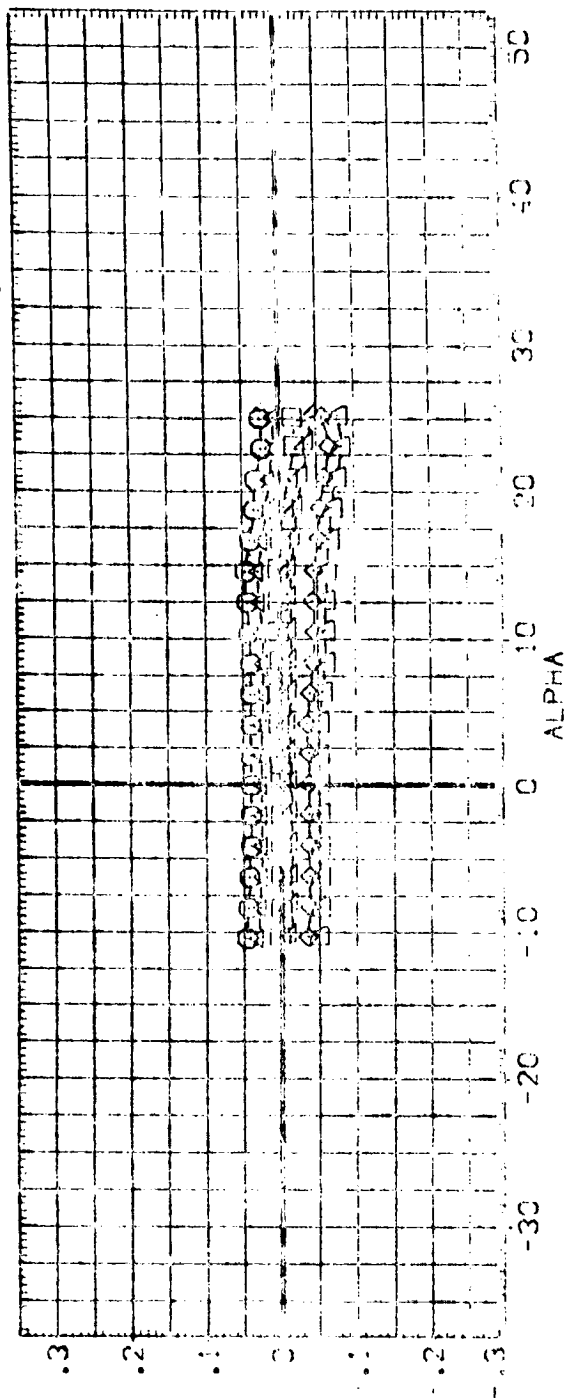


FIG 28 BODY FLAP EFFECTIVENESS, SHORT QMS (M=0.20)

(A)MAC- = .20

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 [09124] DA1198 862012F 10M16N28M127E55V8 R5 X8
 [09125] DA1198 862012F 10M16N28M127E55V8 R5 X8
 [09126] DA1198 862012F 10M16N28M127E55V8 R5 X8
 [09127] DA1198 862012F 10M16N28M127E55V8 R5 X8
 [09128] DA1198 862012F 10M16N28M127E55V8 R5 X8
 [09129] DA1198 862012F 10M16N28M127E55V8 R5 X8

ELEVON 80 LAP SPDRK RJDER
 .000 -12.000 25.000 .000
 5.000 -12.000 25.000 .000
 10.000 -12.000 25.000 .000
 5.000 -12.000 25.000 .000
 10.000 -12.000 25.000 .000

REFERENCE INFORMATION
 SREF 2890.0100
 BREF 174.8
 XREF 10.0
 YREF 10.0
 ZREF 10.0
 SCALE 10.0

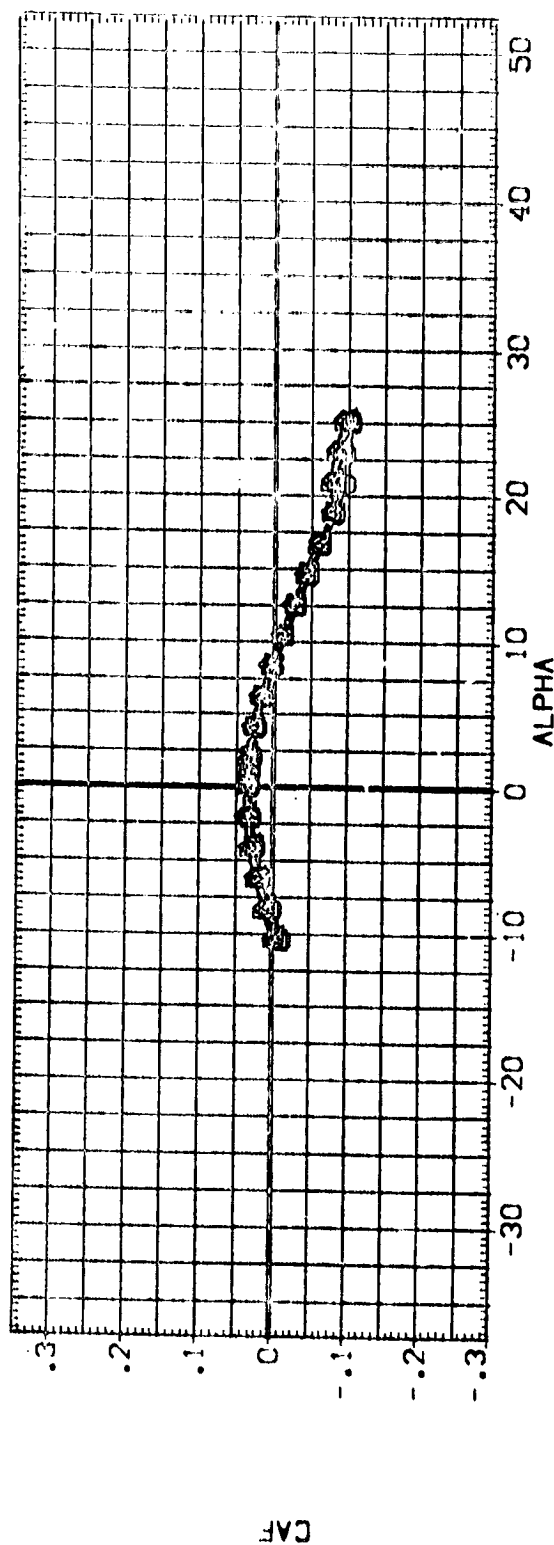
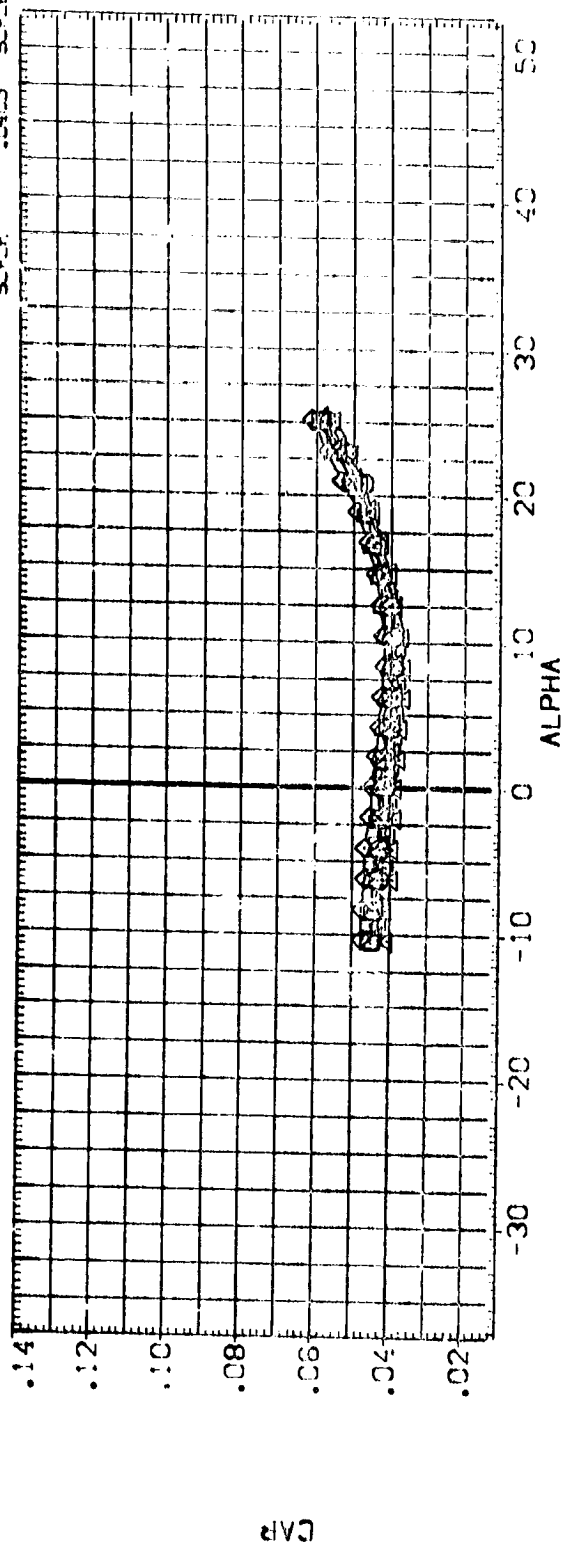


FIG 28 BODY FLAP EFFECTIVENESS, SHORT OMS (M=0.20)

(A)MACH = .20



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPODBK	RJDER	REFERENCE INFORMATION	SCALE
019:24	D	DA1193 862C12F10M16A28.127E55V8	.000	-12.000	25.000	.000	SRF 2650.0100	SCAL: 1.0000
019:29	X	DA1193 862C12F10M16A28.127E55V8	5.000	-12.000	25.000	.000	SRF 174.8100	SCAL: 1.0000
019:32	X	DA1193 862C12F10M16A28.127E55V8	10.000	-12.000	25.000	.000	SRF 936.2800	SCAL: 1.0000
019:33	X	DA1193 862C12F10M16A28.127E55V8	10.000	-12.000	25.000	.000	SRF 174.8100	SCAL: 1.0000
019:30	X	DA1193 862C12F10M16A28.127E55V8	5.000	-12.000	25.000	.000	SRF 936.2800	SCAL: 1.0000
019:31	X	DA1193 862C12F10M16A28.127E55V8	10.000	-12.000	25.000	.000	SRF 174.8100	SCAL: 1.0000

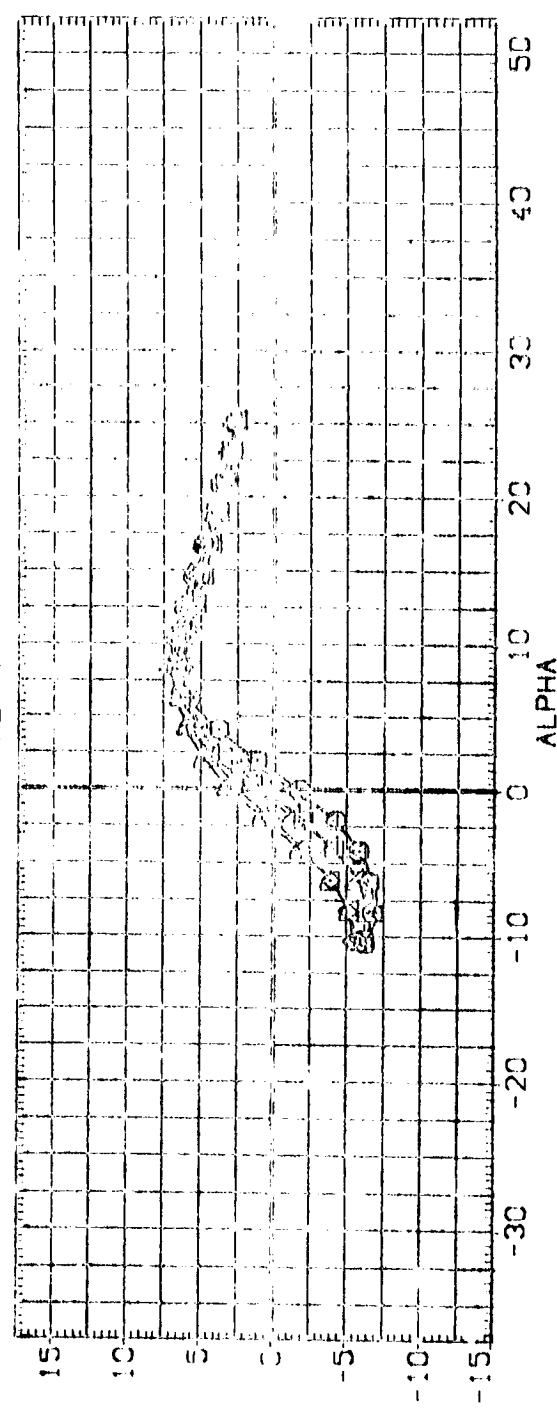
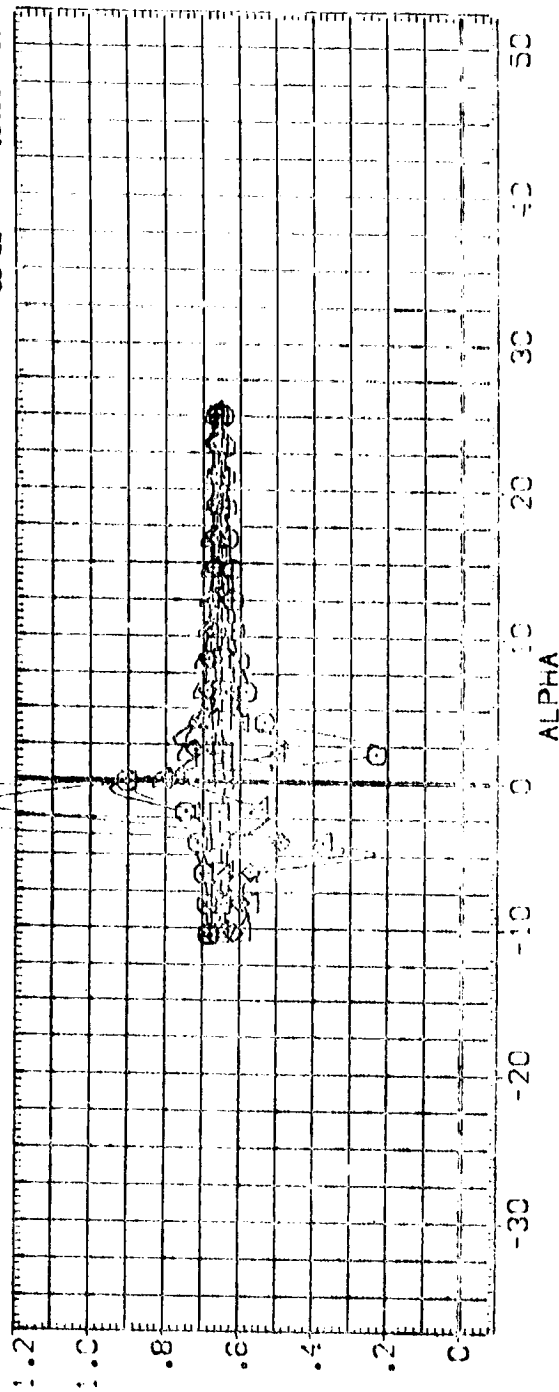


FIG 28 BODY FLAP EFFECTIVENESS, SHORT CMS (M=0.20)

CALMACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RUDER	REFERENCE INFORMATION
01193	0116N281 27E55V8 RS X9	0.000	-12.000	25.000	0.000	2690.0100
059124	0116N281 27E55V8 RS X9	5.000	-12.000	25.000	0.000	474.6100
059125	0116N281 27E55V8 RS X9	10.000	-12.000	25.000	0.000	936.6800
059126	0116N281 27E55V8 RS X9	5.000	0.000	25.000	0.000	1076.8800
059127	0116N281 27E55V8 RS X9	10.000	0.000	25.000	0.000	35.0000
059128	0116N281 27E55V8 RS X9	10.000	0.000	25.000	0.000	SCALE

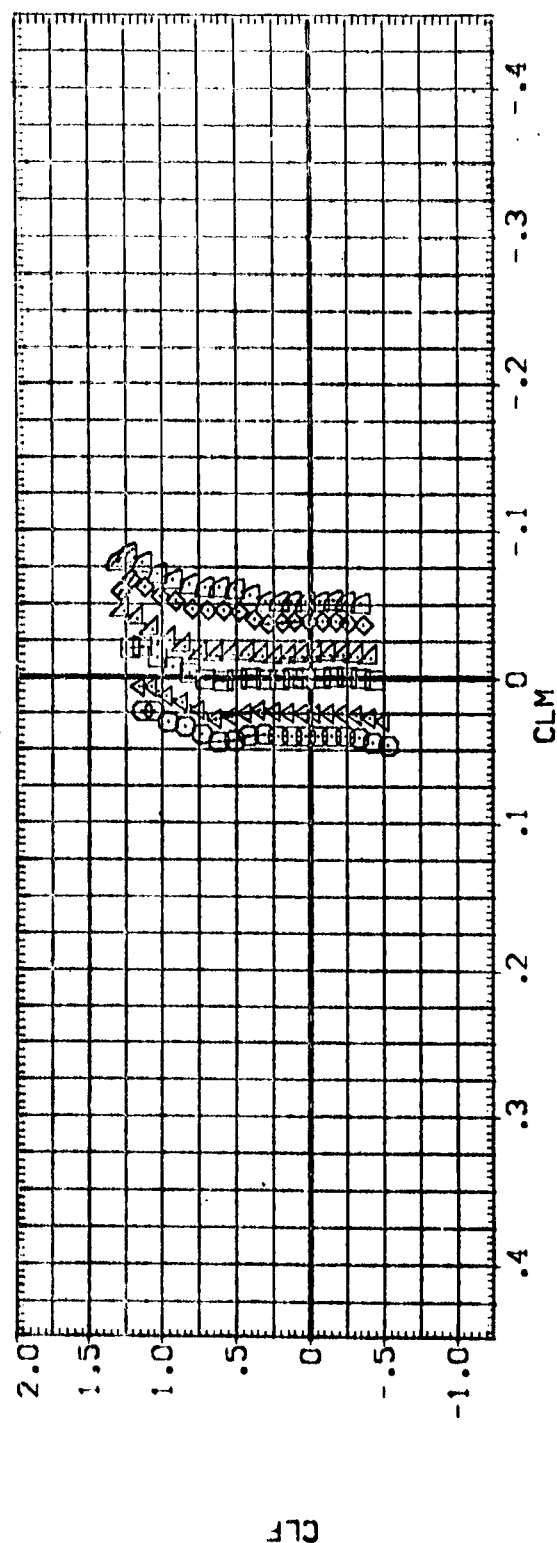
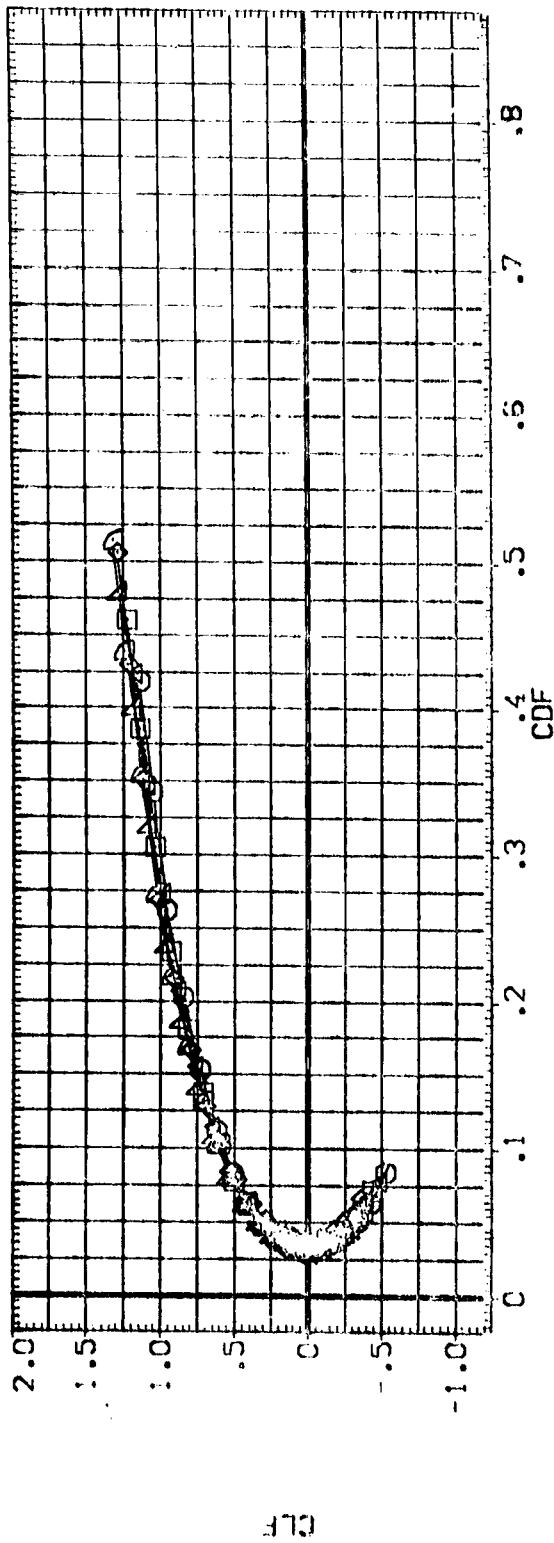


FIG 28 BODY FLAP EFFECTIVENESS, SHORT OMS (M=0.20)

(A)MACH = .20



DATA SET SYMBOL	CONFIGURATION, DESCRIPTION	ELEVATION	BODY FLAP	SPD BRK	R. DEEP	REFERENCE INFORMATION
01	00000000	0.000	-12.0000	25.0000	0.000	2500.0100
02	00000000	5.0000	-12.0000	25.0000	0.000	2500.0100
03	00000000	10.0000	-12.0000	25.0000	0.000	2500.0100
04	00000000	15.0000	-12.0000	25.0000	0.000	2500.0100
05	00000000	20.0000	-12.0000	25.0000	0.000	2500.0100
06	00000000	25.0000	-12.0000	25.0000	0.000	2500.0100
07	00000000	30.0000	-12.0000	25.0000	0.000	2500.0100
08	00000000	35.0000	-12.0000	25.0000	0.000	2500.0100
09	00000000	40.0000	-12.0000	25.0000	0.000	2500.0100
10	00000000	45.0000	-12.0000	25.0000	0.000	2500.0100
11	00000000	50.0000	-12.0000	25.0000	0.000	2500.0100
12	00000000	55.0000	-12.0000	25.0000	0.000	2500.0100
13	00000000	60.0000	-12.0000	25.0000	0.000	2500.0100
14	00000000	65.0000	-12.0000	25.0000	0.000	2500.0100
15	00000000	70.0000	-12.0000	25.0000	0.000	2500.0100
16	00000000	75.0000	-12.0000	25.0000	0.000	2500.0100
17	00000000	80.0000	-12.0000	25.0000	0.000	2500.0100
18	00000000	85.0000	-12.0000	25.0000	0.000	2500.0100
19	00000000	90.0000	-12.0000	25.0000	0.000	2500.0100
20	00000000	95.0000	-12.0000	25.0000	0.000	2500.0100
21	00000000	100.0000	-12.0000	25.0000	0.000	2500.0100

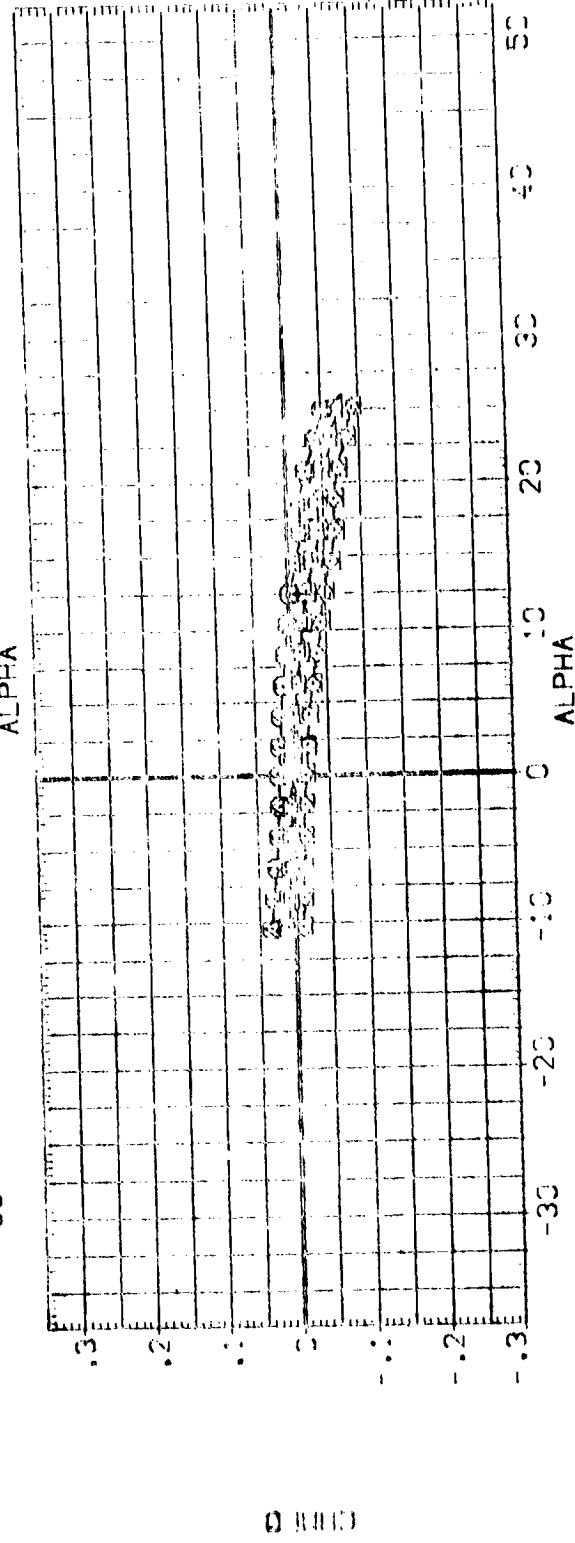
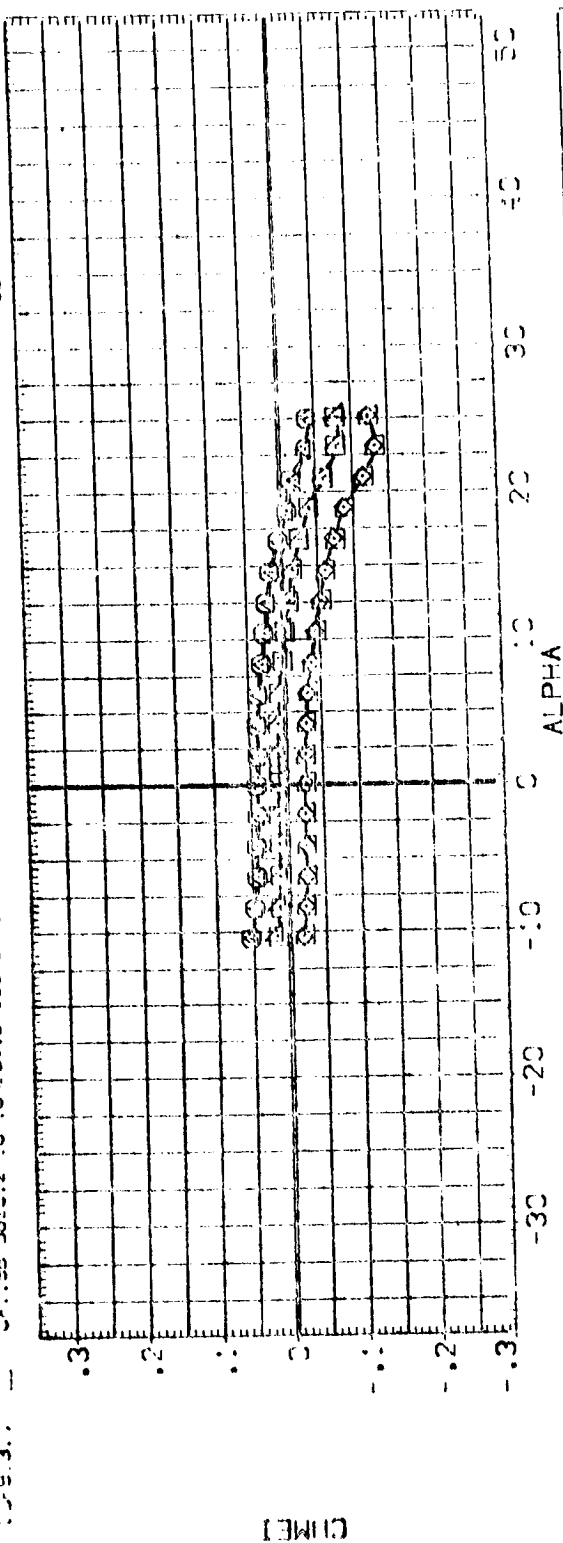


FIG 28 BODY FLAP EFFECTIVENESS, SHORT GWS (M=0.20)

(A) MAC = 0.20

DATA SET SYMBOL

(C) 9 24
 (C) 9 37
 (C) 9 40
 (C) 9 43
 (C) 9 46
 (C) 9 49

CONFIGURATION DESCRIPTION

011 93 B620 2F 10M 6A28 27E55V8 R5 X9
 011 93 B620 2F 10M 6A28 27E55V8 R5 X9
 011 93 B620 2F 10M 6A28 27E55V8 R5 X9
 011 93 B620 2F 10M 6A28 27E55V8 R5 X9
 011 93 B620 2F 10M 6A28 27E55V8 R5 X9
 011 93 B620 2F 10M 6A28 27E55V8 R5 X9

ELEVON

000
 15.000
 20.000
 15.000
 20.000

BOFLAP

-12.000
 -12.000
 -12.000
 -12.000
 -12.000

SPDR

25.000
 25.000
 25.000
 25.000
 25.000

RUDER

000
 000
 000
 000
 000

REFERENCE INFORMATION

SPEC 2650.0100
 REF 174.8000
 REF 936.8000
 REF 174.8000
 REF 936.8000
 REF 174.8000
 REF 936.8000

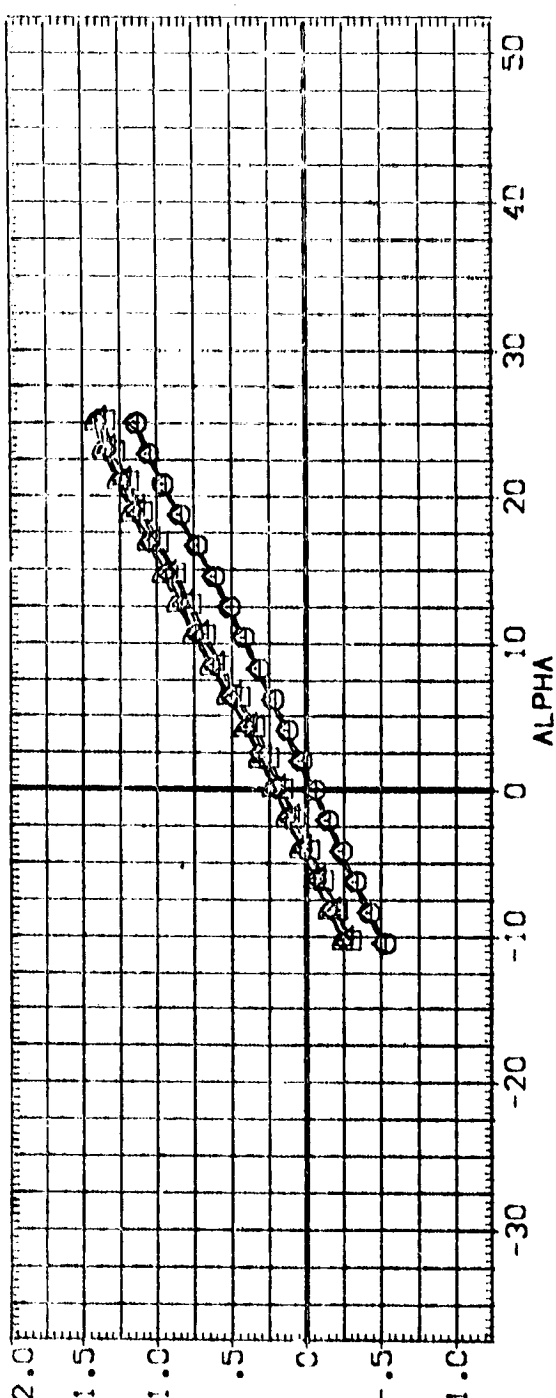
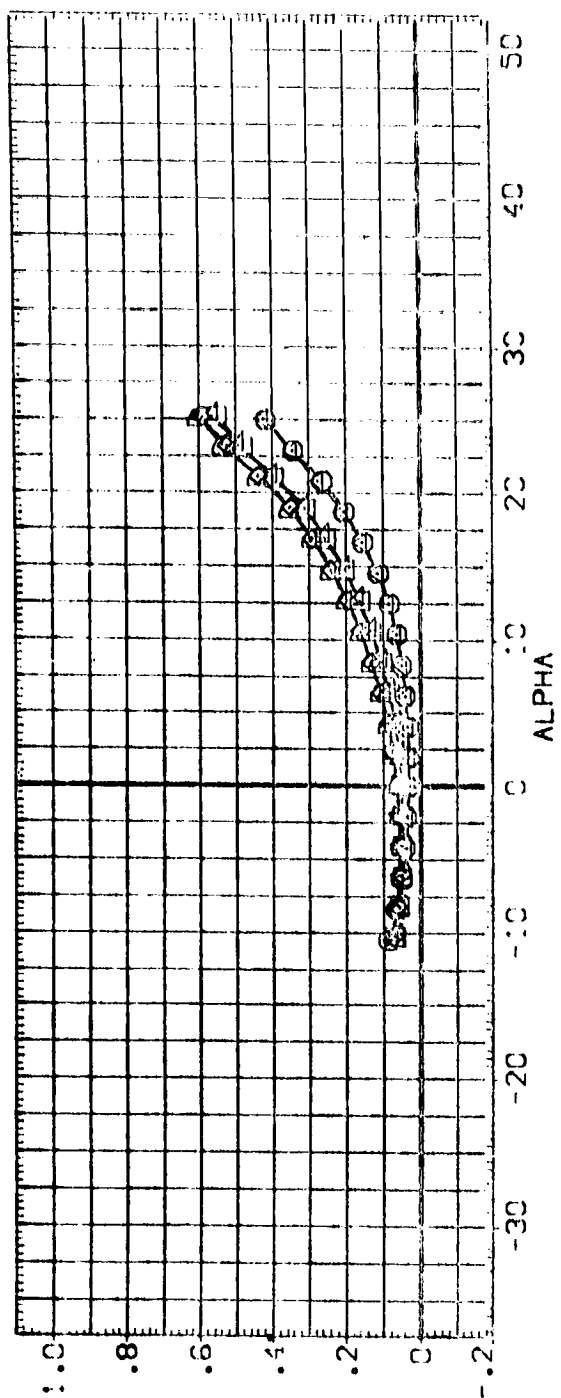


FIG 29 BODY FLAP EFFECTIVENESS, SHORT OMS (M=0.20)

(A)MACH = .20



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPDBRK	RJDER	REFERENCE INFORMATION
CF9:24	DA1193 8620 12 10 16 28 127E55V8 RS X9	.000	-12.000	25.000	.000	2690 D100
CF9:13	DA1193 8620 12 10 16 28 127E55V8 RS X9	15.000	-12.000	25.000	.000	474 B100
CF9:10	DA1193 8620 12 10 16 28 127E55V8 RS X9	20.000	-12.000	25.000	.000	336 B100
CF9:12	DA1193 8620 12 10 16 28 127E55V8 RS X9	15.000	-12.000	25.000	.000	100 B100
CF9:11	DA1193 8620 12 10 16 28 127E55V8 RS X9	20.000	-12.000	25.000	.000	100 B100
CF9:14	DA1193 8620 12 10 16 28 127E55V8 RS X9	15.000	-12.000	25.000	.000	100 B100
CF9:15	DA1193 8620 12 10 16 28 127E55V8 RS X9	20.000	-12.000	25.000	.000	100 B100

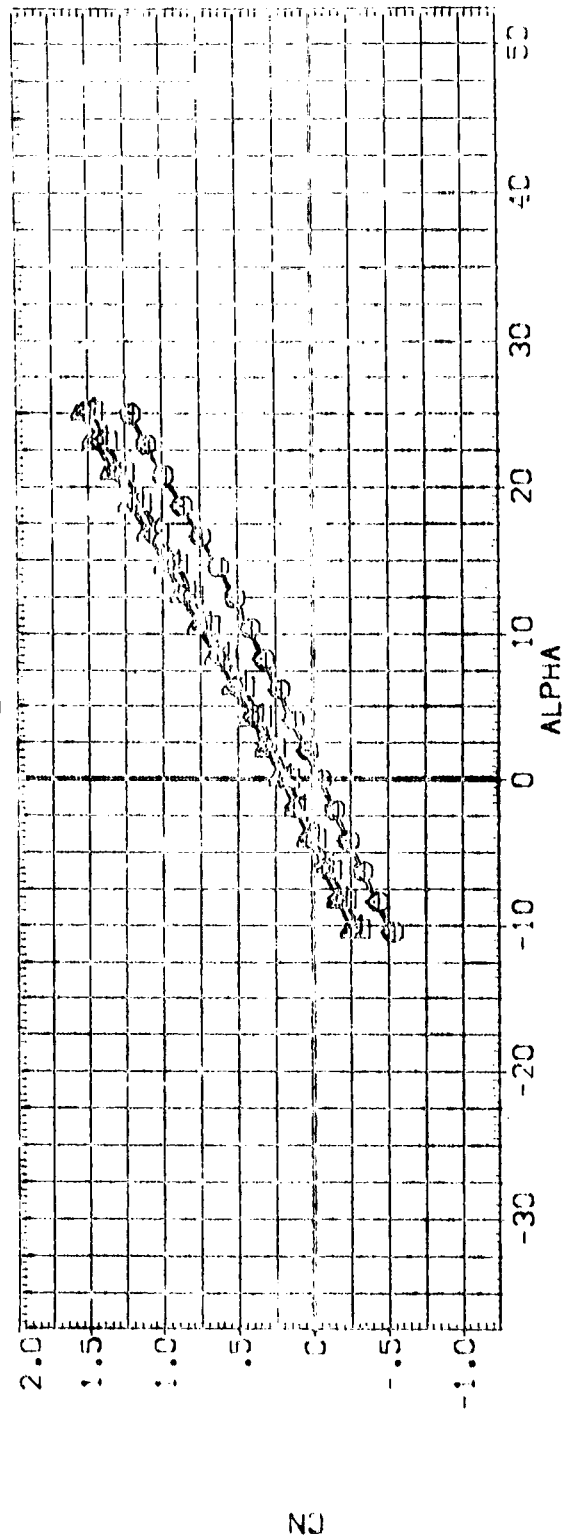
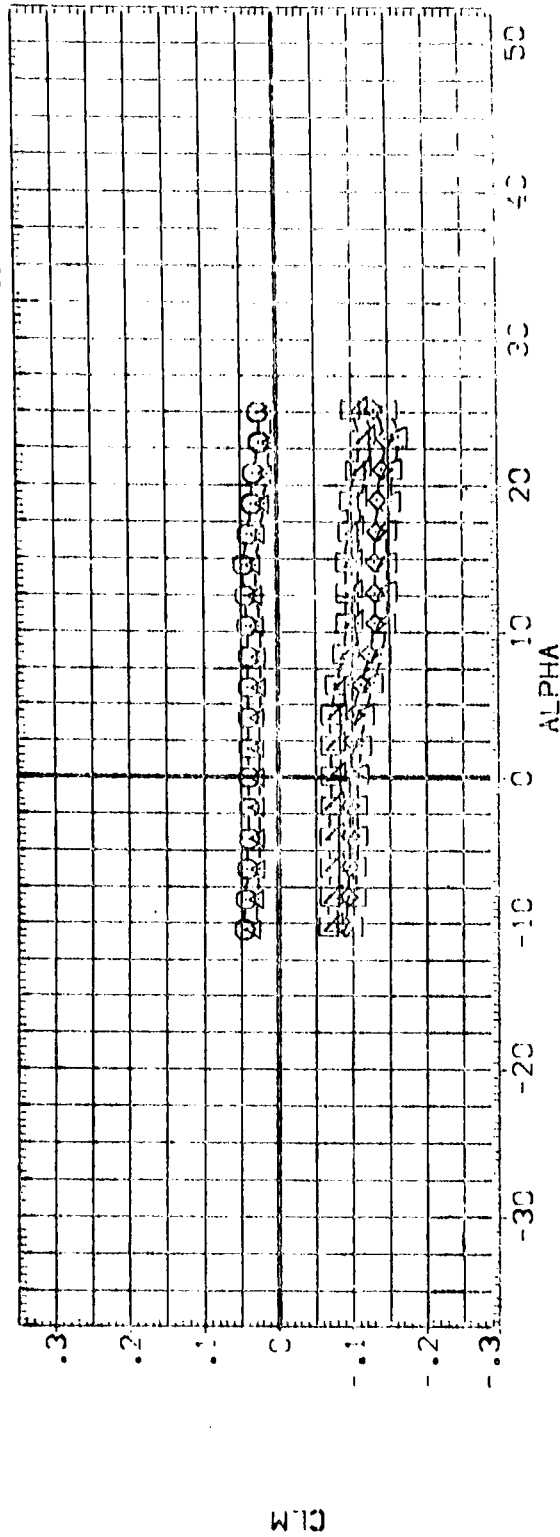


FIG 29 BODY FLAP EFFECTIVENESS, SHORT CMS (M=0.20)

CALMAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BDF LAP	SPOBRK	R-JOINER	REFERENCE INFORMATION
[C9:124]	0A 193 8620 2F 10M18A28.127E55V8 R5 X9	.000	-12.000	25.000	.000	2690.0100 50.00
[C9:125]	0A 193 8620 2F 10M18A28.127E55V8 R5 X9	15.000	-12.000	25.000	.000	474.8100 50.00
[C9:126]	0A 193 8620 2F 10M18A28.127E55V8 R5 X9	20.000	-12.000	25.000	.000	936.8800 50.00
[C9:127]	0A 193 8620 2F 10M18A28.127E55V8 R5 X9	.000	.000	25.000	.000	1076.8800 50.00
[C9:128]	0A 193 8620 2F 10M18A28.127E55V8 R5 X9	15.000	.000	25.000	.000	3.5.0000 50.00
[C9:129]	0A 193 8620 2F 10M18A28.127E55V8 R5 X9	20.000	.000	25.000	.000	3.5.0000 50.00

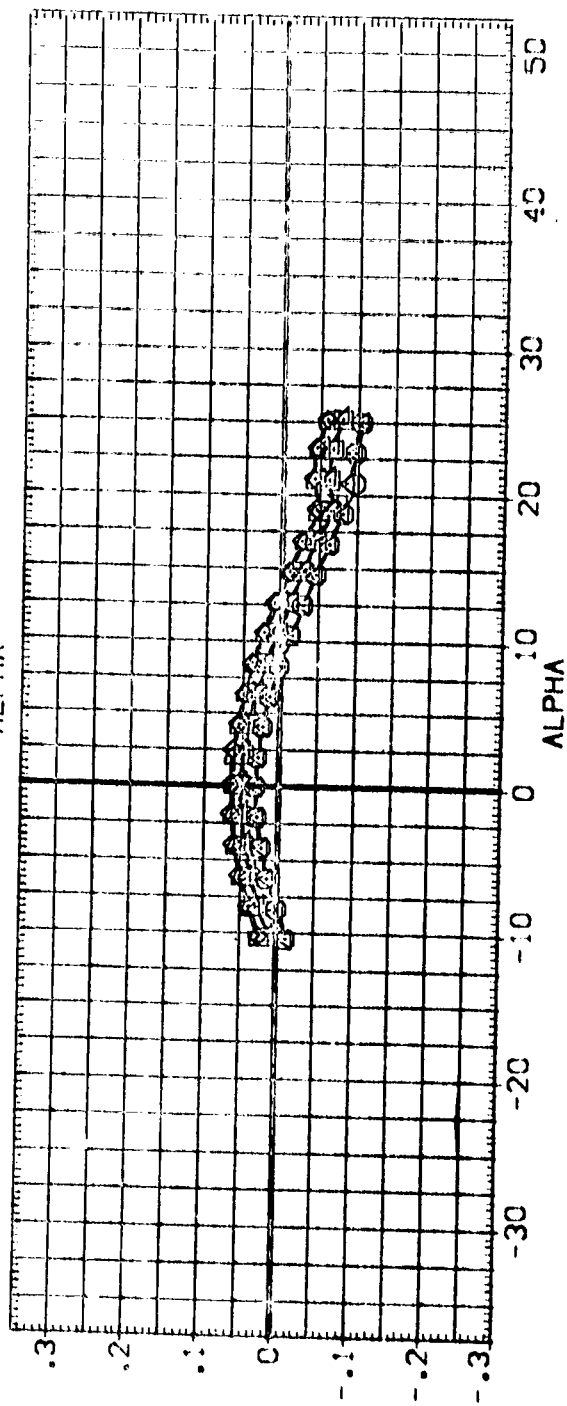
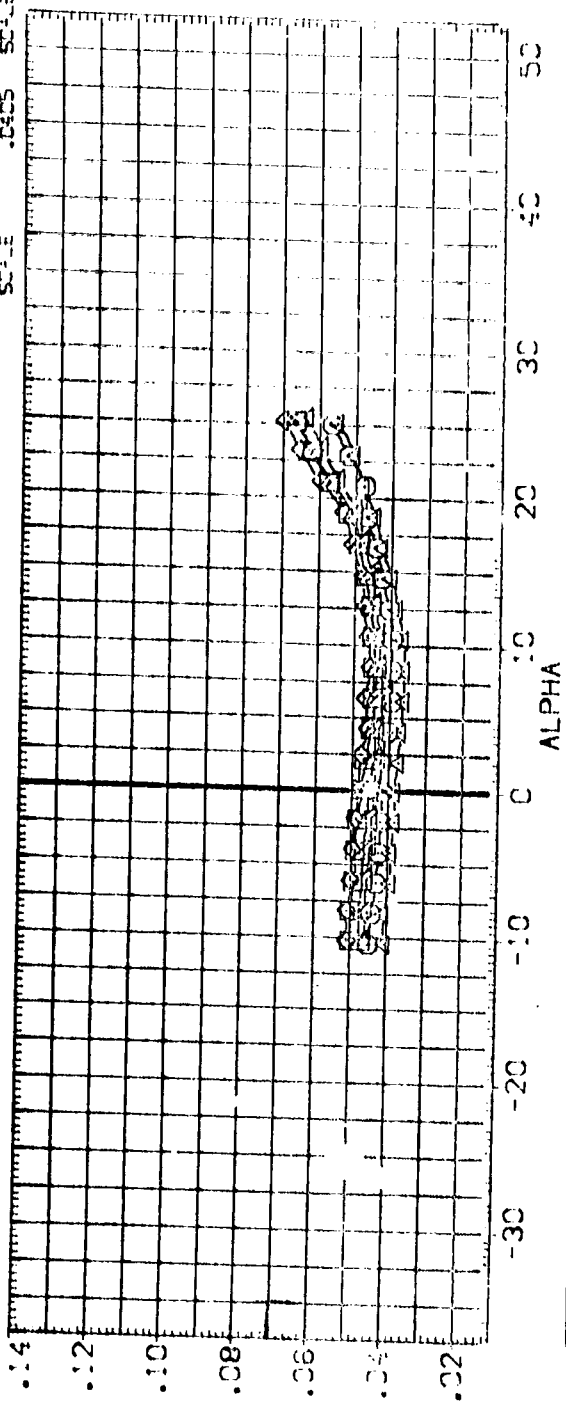


FIG 29 BODY FLAP EFFECTIVENESS, SHORT QMS (M=0.20)

(AJMACH = .20)



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOF LAP	SPDRM	RUNNER	REFERENCE INFORMATION	SO. FT.
01	193	8620 2F 1047 N28.127E55.8	0.000	-12.000	25.000	000	1350.0100	120.00
02	193	8620 2F 1047 N28.127E55.8	5.000	-12.000	25.000	000	1374.8100	120.00
03	193	8620 2F 1047 N28.127E55.8	10.000	-12.000	25.000	000	1399.6100	120.00
04	193	8620 2F 1047 N28.127E55.8	15.000	-12.000	25.000	000	1424.4100	120.00
05	193	8620 2F 1047 N28.127E55.8	20.000	-12.000	25.000	000	1449.2100	120.00
06	193	8620 2F 1047 N28.127E55.8	25.000	-12.000	25.000	000	1474.0100	120.00
07	193	8620 2F 1047 N28.127E55.8	30.000	-12.000	25.000	000	1498.8100	120.00
08	193	8620 2F 1047 N28.127E55.8	35.000	-12.000	25.000	000	1523.6100	120.00
09	193	8620 2F 1047 N28.127E55.8	40.000	-12.000	25.000	000	1548.4100	120.00
10	193	8620 2F 1047 N28.127E55.8	45.000	-12.000	25.000	000	1573.2100	120.00
11	193	8620 2F 1047 N28.127E55.8	50.000	-12.000	25.000	000	1598.0100	120.00
12	193	8620 2F 1047 N28.127E55.8	55.000	-12.000	25.000	000	1622.8100	120.00
13	193	8620 2F 1047 N28.127E55.8	60.000	-12.000	25.000	000	1647.6100	120.00
14	193	8620 2F 1047 N28.127E55.8	65.000	-12.000	25.000	000	1672.4100	120.00
15	193	8620 2F 1047 N28.127E55.8	70.000	-12.000	25.000	000	1697.2100	120.00
16	193	8620 2F 1047 N28.127E55.8	75.000	-12.000	25.000	000	1722.0100	120.00
17	193	8620 2F 1047 N28.127E55.8	80.000	-12.000	25.000	000	1746.8100	120.00
18	193	8620 2F 1047 N28.127E55.8	85.000	-12.000	25.000	000	1771.6100	120.00
19	193	8620 2F 1047 N28.127E55.8	90.000	-12.000	25.000	000	1796.4100	120.00
20	193	8620 2F 1047 N28.127E55.8	95.000	-12.000	25.000	000	1821.2100	120.00
21	193	8620 2F 1047 N28.127E55.8	100.000	-12.000	25.000	000	1846.0100	120.00

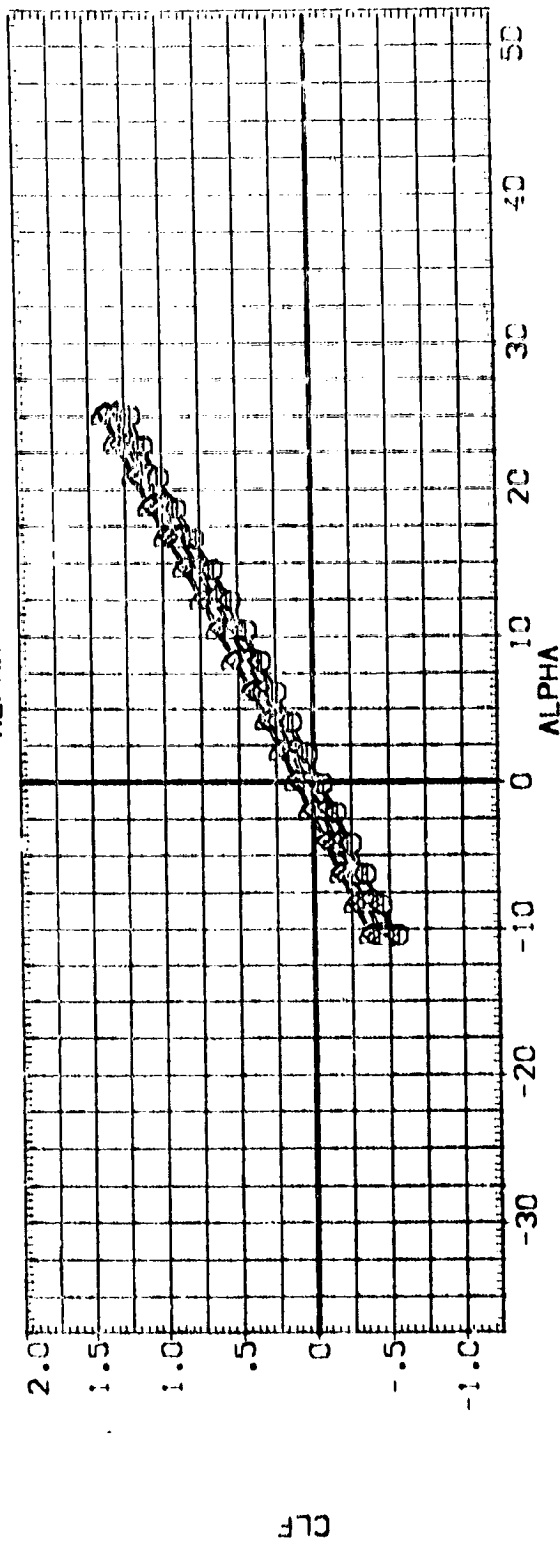
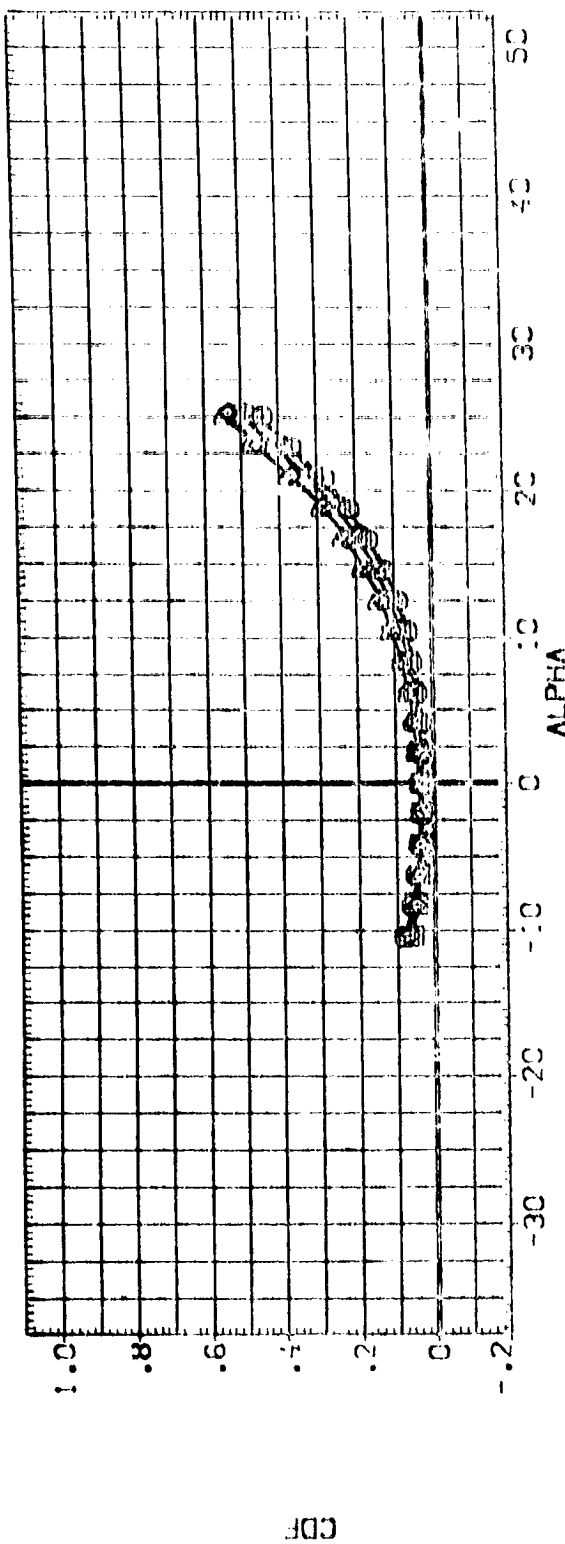


FIG 30 BODY FLAP EFFECTIVENESS, LONG CMS (M=0.20)

(AJMAC) = .20



DATA SET SYMBO	CONFIGURATION DESCRIPTION	ELEVATION	BOE-LAP	SPDRM	ROSTER	REFERENCE INFORMATION
011193	862C12F10V7 N28.127E55.8 R5 X9	0.000	0.000	0.000	0.000	2690 D100
011193	862C12F10V7 N28.127E55.8 R5 X9	5.000	0.000	0.000	0.000	2690 D100
011193	862C12F10V7 N28.127E55.8 R5 X9	10.000	0.000	0.000	0.000	2690 D100
011193	862C12F10V7 N28.127E55.8 R5 X9	15.000	0.000	0.000	0.000	2690 D100
011193	862C12F10V7 N28.127E55.8 R5 X9	20.000	0.000	0.000	0.000	2690 D100
011193	862C12F10V7 N28.127E55.8 R5 X9	25.000	0.000	0.000	0.000	2690 D100
011193	862C12F10V7 N28.127E55.8 R5 X9	30.000	0.000	0.000	0.000	2690 D100
011193	862C12F10V7 N28.127E55.8 R5 X9	35.000	0.000	0.000	0.000	2690 D100
011193	862C12F10V7 N28.127E55.8 R5 X9	40.000	0.000	0.000	0.000	2690 D100
011193	862C12F10V7 N28.127E55.8 R5 X9	45.000	0.000	0.000	0.000	2690 D100
011193	862C12F10V7 N28.127E55.8 R5 X9	50.000	0.000	0.000	0.000	2690 D100

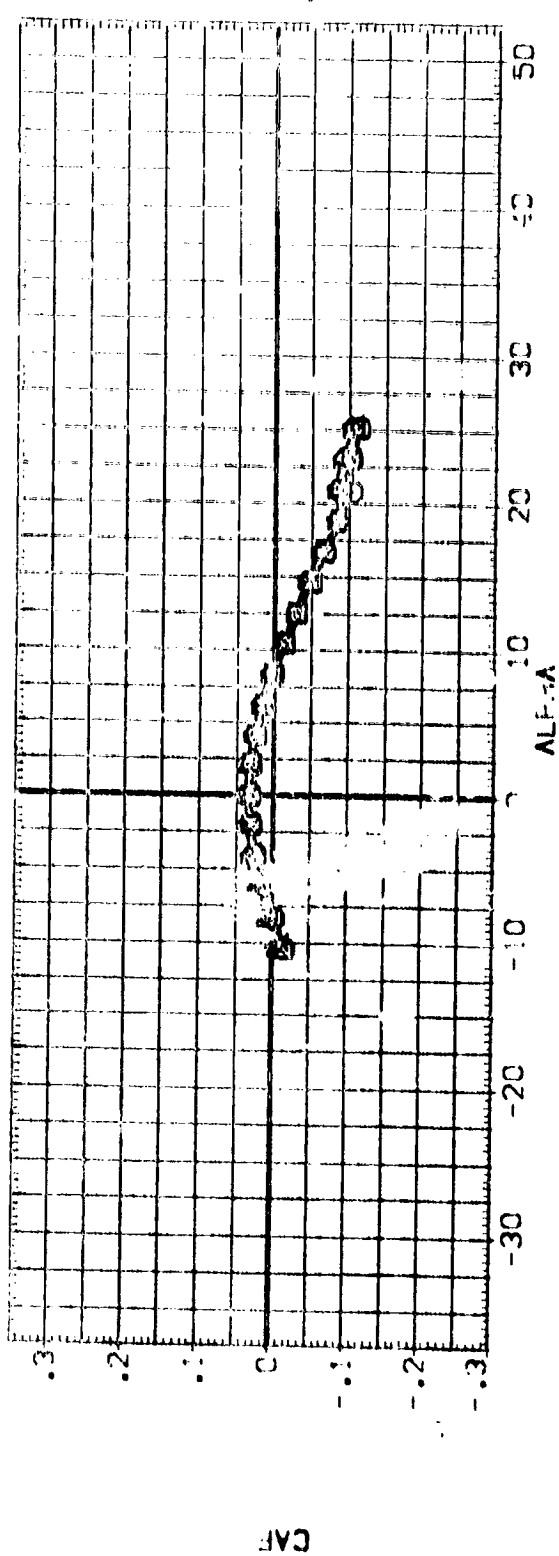
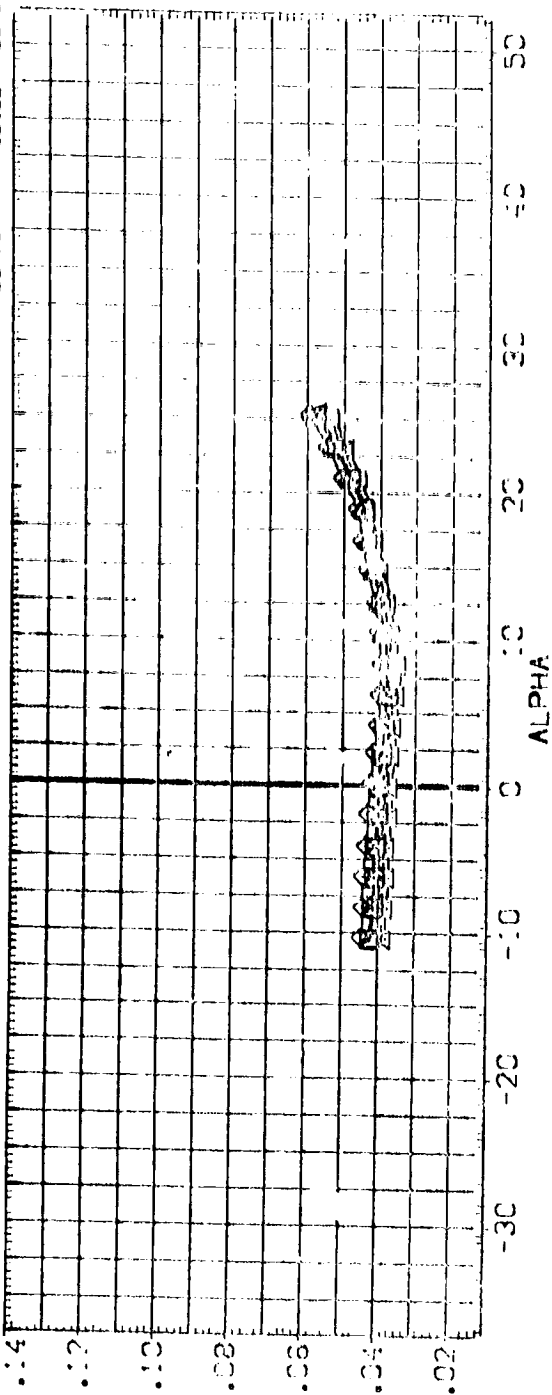


FIG 30 BODY FLAP EFFECTIVENESS, LIFT, DMS (M=0.20)

CAMAC = .20



DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELEVON	BOFLAP	SPDRM	RJDER	REFERENCE INFORMATION
01	93	862C12F	1047 N28.127E55.8	RS	X9			2650.0100
02	93	862C12F	1047 N28.127E55.8	RS	X9			471.8100
03	93	862C12F	1047 N28.127E55.8	RS	X9			936.8800
04	93	862C12F	1047 N28.127E55.8	RS	X9			1016.8800
05	93	862C12F	1047 N28.127E55.8	RS	X9			375.1000
06	93	862C12F	1047 N28.127E55.8	RS	X9			SCALE

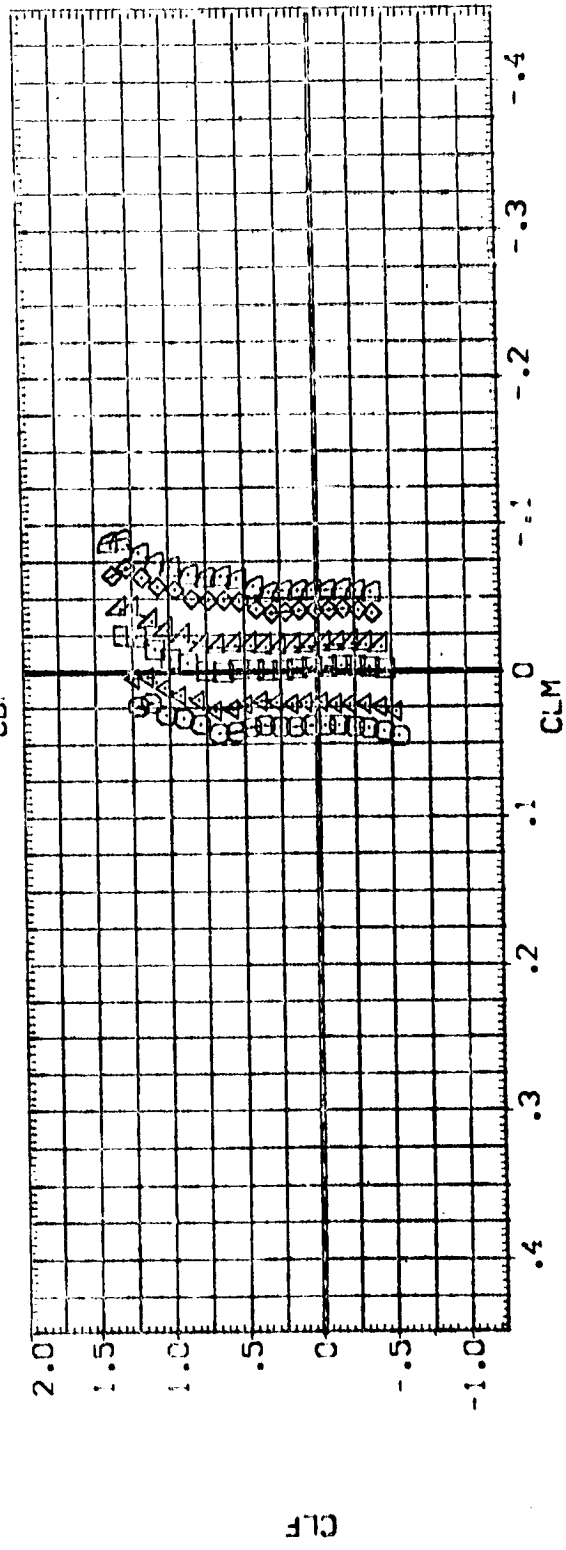
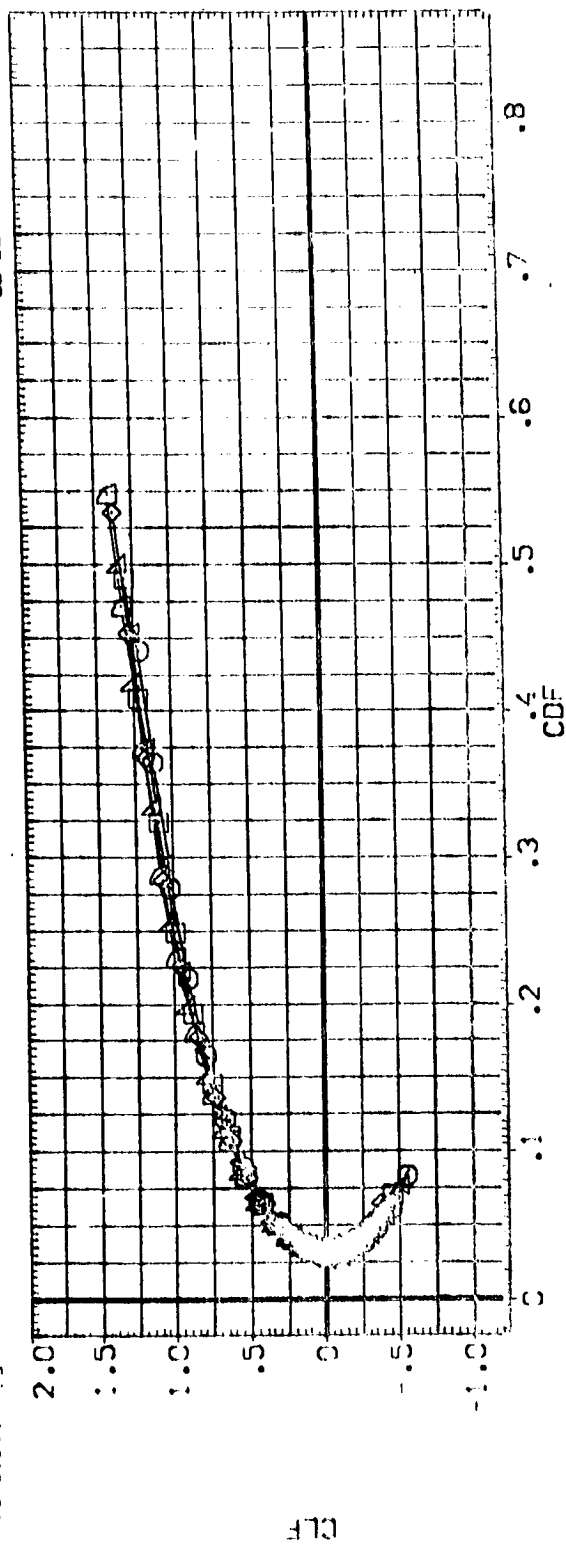


FIG 30 BODY FLAP EFFECTIVENESS, LONG OMS (M=0.20)

(AJ)MACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVATION	BOE LAB	SPDCHK	RUDDER	REFERENCE INFORMATION
01.000000	01.000000	0.000000	0.000000	0.000000	0.000000	0.000000
02.000000	02.000000	0.000000	0.000000	0.000000	0.000000	0.000000
03.000000	03.000000	0.000000	0.000000	0.000000	0.000000	0.000000
04.000000	04.000000	0.000000	0.000000	0.000000	0.000000	0.000000
05.000000	05.000000	0.000000	0.000000	0.000000	0.000000	0.000000
06.000000	06.000000	0.000000	0.000000	0.000000	0.000000	0.000000
07.000000	07.000000	0.000000	0.000000	0.000000	0.000000	0.000000
08.000000	08.000000	0.000000	0.000000	0.000000	0.000000	0.000000
09.000000	09.000000	0.000000	0.000000	0.000000	0.000000	0.000000
10.000000	10.000000	0.000000	0.000000	0.000000	0.000000	0.000000
11.000000	11.000000	0.000000	0.000000	0.000000	0.000000	0.000000
12.000000	12.000000	0.000000	0.000000	0.000000	0.000000	0.000000
13.000000	13.000000	0.000000	0.000000	0.000000	0.000000	0.000000
14.000000	14.000000	0.000000	0.000000	0.000000	0.000000	0.000000
15.000000	15.000000	0.000000	0.000000	0.000000	0.000000	0.000000
16.000000	16.000000	0.000000	0.000000	0.000000	0.000000	0.000000
17.000000	17.000000	0.000000	0.000000	0.000000	0.000000	0.000000
18.000000	18.000000	0.000000	0.000000	0.000000	0.000000	0.000000
19.000000	19.000000	0.000000	0.000000	0.000000	0.000000	0.000000
20.000000	20.000000	0.000000	0.000000	0.000000	0.000000	0.000000
21.000000	21.000000	0.000000	0.000000	0.000000	0.000000	0.000000
22.000000	22.000000	0.000000	0.000000	0.000000	0.000000	0.000000
23.000000	23.000000	0.000000	0.000000	0.000000	0.000000	0.000000
24.000000	24.000000	0.000000	0.000000	0.000000	0.000000	0.000000
25.000000	25.000000	0.000000	0.000000	0.000000	0.000000	0.000000
26.000000	26.000000	0.000000	0.000000	0.000000	0.000000	0.000000
27.000000	27.000000	0.000000	0.000000	0.000000	0.000000	0.000000
28.000000	28.000000	0.000000	0.000000	0.000000	0.000000	0.000000
29.000000	29.000000	0.000000	0.000000	0.000000	0.000000	0.000000
30.000000	30.000000	0.000000	0.000000	0.000000	0.000000	0.000000
31.000000	31.000000	0.000000	0.000000	0.000000	0.000000	0.000000
32.000000	32.000000	0.000000	0.000000	0.000000	0.000000	0.000000
33.000000	33.000000	0.000000	0.000000	0.000000	0.000000	0.000000
34.000000	34.000000	0.000000	0.000000	0.000000	0.000000	0.000000
35.000000	35.000000	0.000000	0.000000	0.000000	0.000000	0.000000
36.000000	36.000000	0.000000	0.000000	0.000000	0.000000	0.000000
37.000000	37.000000	0.000000	0.000000	0.000000	0.000000	0.000000
38.000000	38.000000	0.000000	0.000000	0.000000	0.000000	0.000000
39.000000	39.000000	0.000000	0.000000	0.000000	0.000000	0.000000
40.000000	40.000000	0.000000	0.000000	0.000000	0.000000	0.000000
41.000000	41.000000	0.000000	0.000000	0.000000	0.000000	0.000000
42.000000	42.000000	0.000000	0.000000	0.000000	0.000000	0.000000
43.000000	43.000000	0.000000	0.000000	0.000000	0.000000	0.000000
44.000000	44.000000	0.000000	0.000000	0.000000	0.000000	0.000000
45.000000	45.000000	0.000000	0.000000	0.000000	0.000000	0.000000
46.000000	46.000000	0.000000	0.000000	0.000000	0.000000	0.000000
47.000000	47.000000	0.000000	0.000000	0.000000	0.000000	0.000000
48.000000	48.000000	0.000000	0.000000	0.000000	0.000000	0.000000
49.000000	49.000000	0.000000	0.000000	0.000000	0.000000	0.000000
50.000000	50.000000	0.000000	0.000000	0.000000	0.000000	0.000000

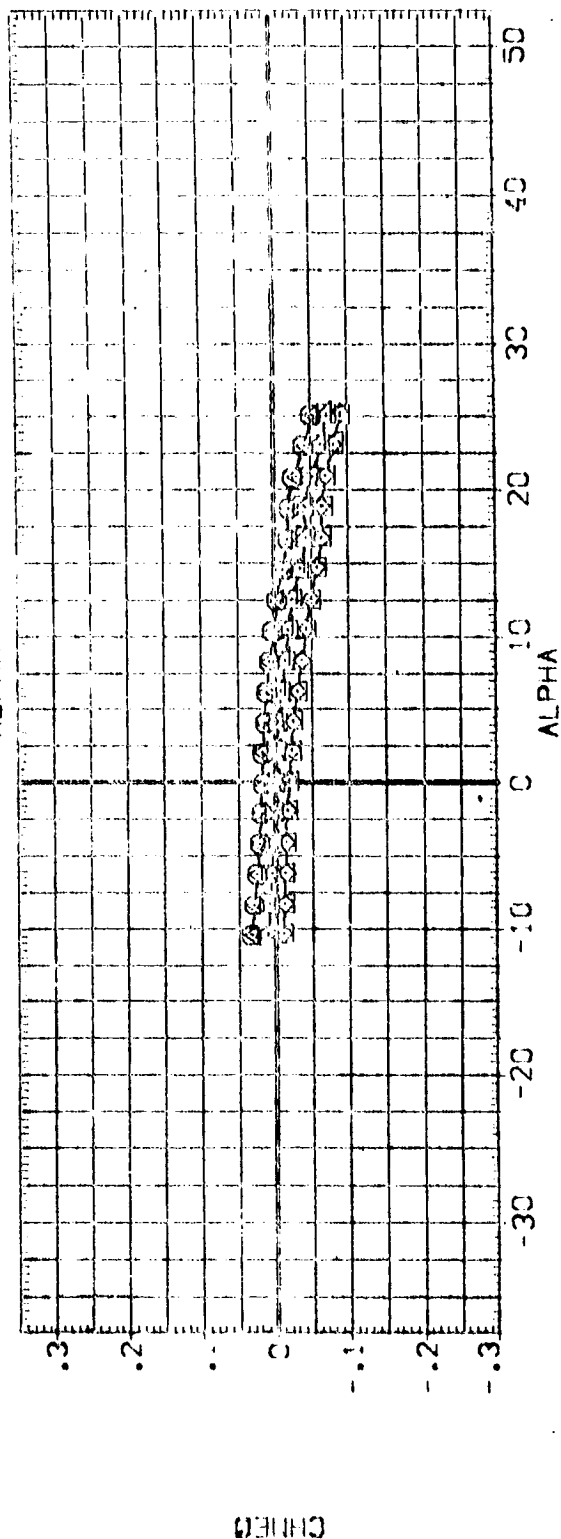
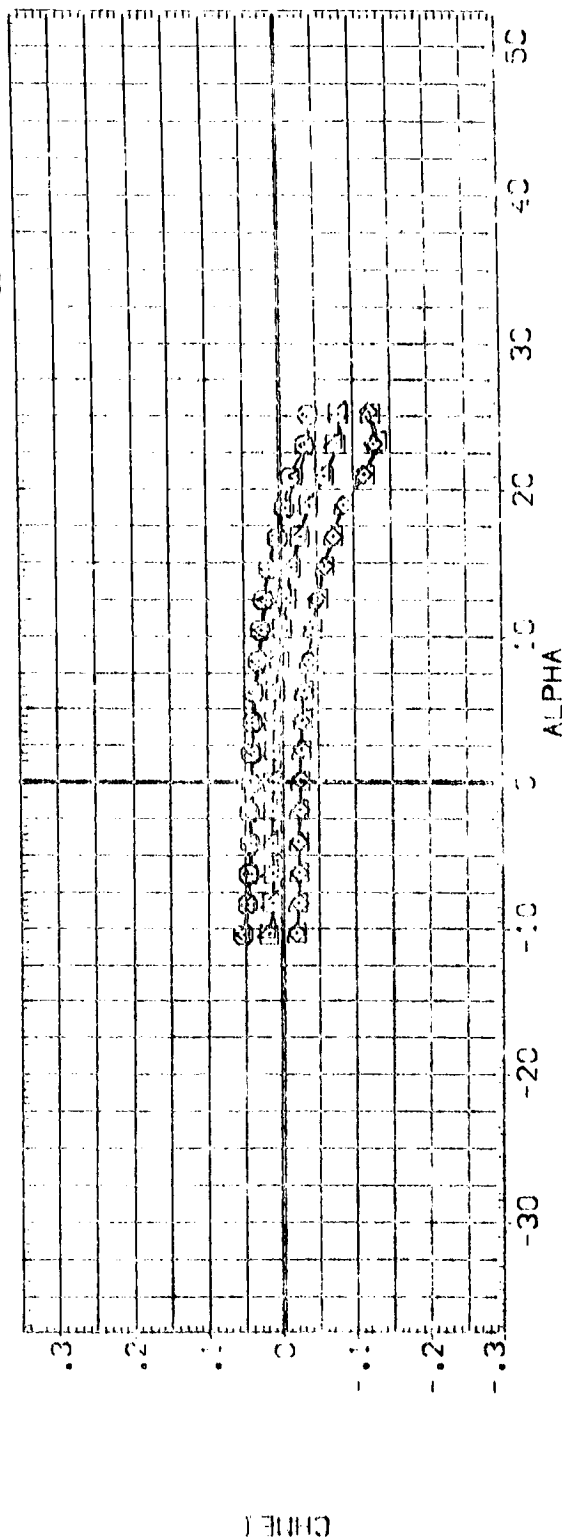


FIG 30 BODY FLAP EFFECTIVENESS, LONG GMS (M=0.20)

CADWACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	BOFLAP	SPOILER	RUDDER	REFERENCE INFORMATION
011193	862C12F10M7 N28.127E55.8 RS X9	.000	-12.000	25.000	.000	2650.0100 SC.FT.
011193	862C12F10M7 N28.127E55.8 RS X9	15.000	-12.000	25.000	.000	474.8100
011193	862C12F10M7 N28.127E55.8 RS X9	20.000	-12.000	25.000	.000	936.5800
011193	862C12F10M7 N28.127E55.8 RS X9	.000	.000	25.000	.000	1076.5800
011193	862C12F10M7 N28.127E55.8 RS X9	15.000	.000	25.000	.000	375.0000
011193	862C12F10M7 N28.127E55.8 RS X9	20.000	.000	25.000	.000	SCALE

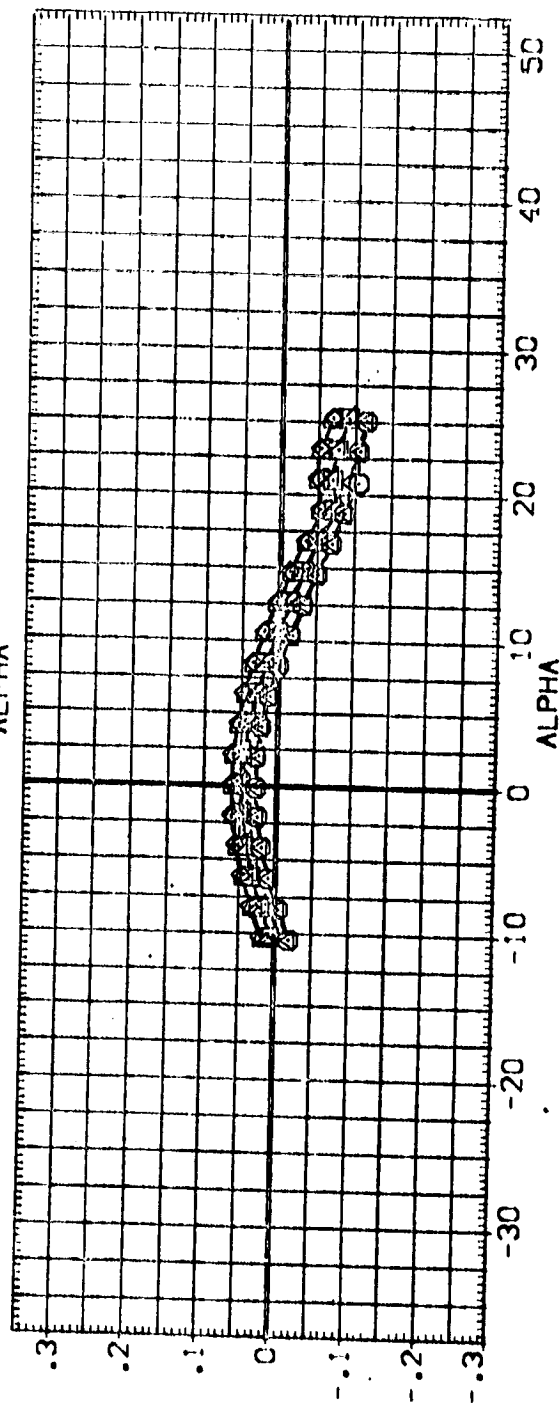
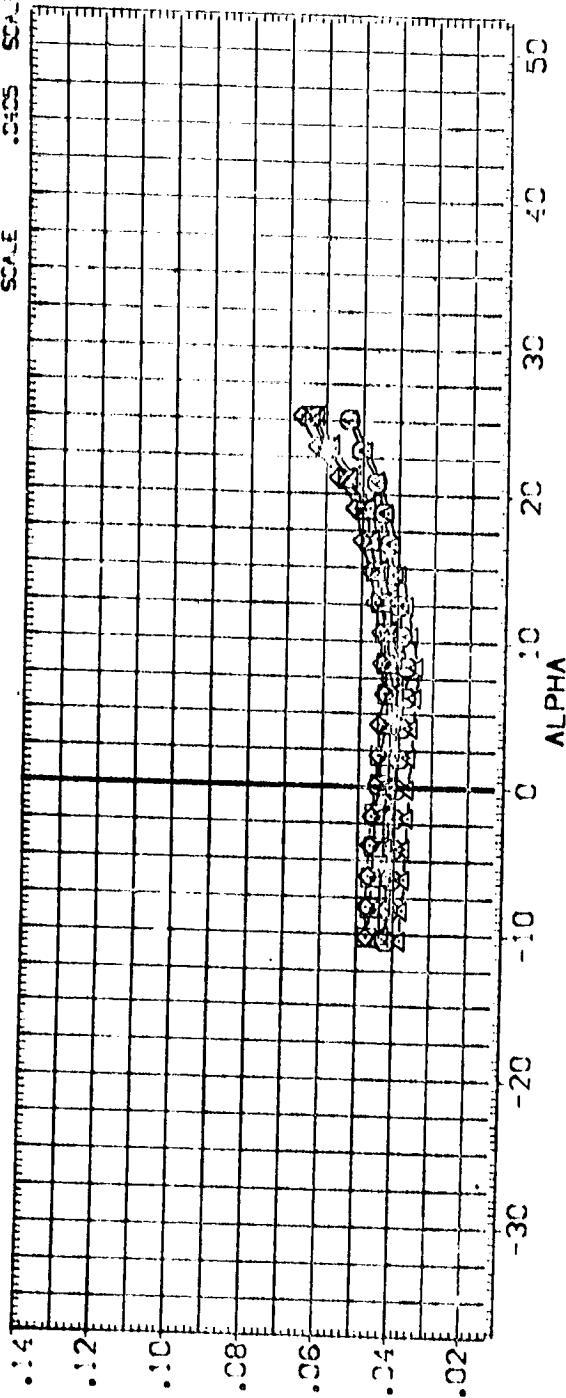


FIG 31 BODY FLAP EFFECTIVENESS, LONG QMS (M=0.20)

CA/MACH = .20



DATA SET SYMBOL CONFIGURATION DESCRIPTION

00000000	DA1199	562C12	107	N28.127E55.8	R5	X9
00000000	DA1199	562C12	107	N28.127E55.8	R5	X9
00000000	DA1199	562C12	107	N28.127E55.8	R5	X9
00000000	DA1199	562C12	107	N28.127E55.8	R5	X9
00000000	DA1199	562C12	107	N28.127E55.8	R5	X9
00000000	DA1199	562C12	107	N28.127E55.8	R5	X9
00000000	DA1199	562C12	107	N28.127E55.8	R5	X9
00000000	DA1199	562C12	107	N28.127E55.8	R5	X9
00000000	DA1199	562C12	107	N28.127E55.8	R5	X9
00000000	DA1199	562C12	107	N28.127E55.8	R5	X9

REFERENCE INFORMATION

ELEVATION	BOFLAP	SPDBX	RUDER	SKEW	2500.0100	50.00000000
0.000	-12.000	25.000	0.000	0.000	25.000	50.00000000
15.000	-12.000	25.000	0.000	0.000	25.000	50.00000000
15.000	-12.000	25.000	0.000	0.000	25.000	50.00000000
15.000	-12.000	25.000	0.000	0.000	25.000	50.00000000
15.000	-12.000	25.000	0.000	0.000	25.000	50.00000000
15.000	-12.000	25.000	0.000	0.000	25.000	50.00000000
15.000	-12.000	25.000	0.000	0.000	25.000	50.00000000
15.000	-12.000	25.000	0.000	0.000	25.000	50.00000000
15.000	-12.000	25.000	0.000	0.000	25.000	50.00000000

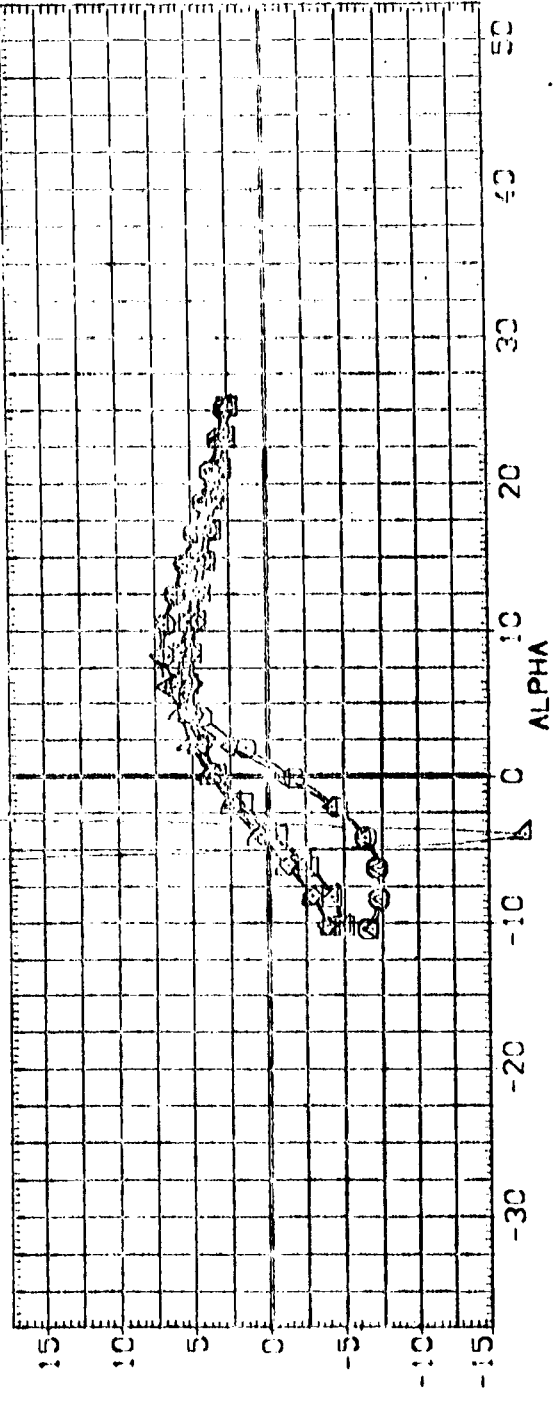
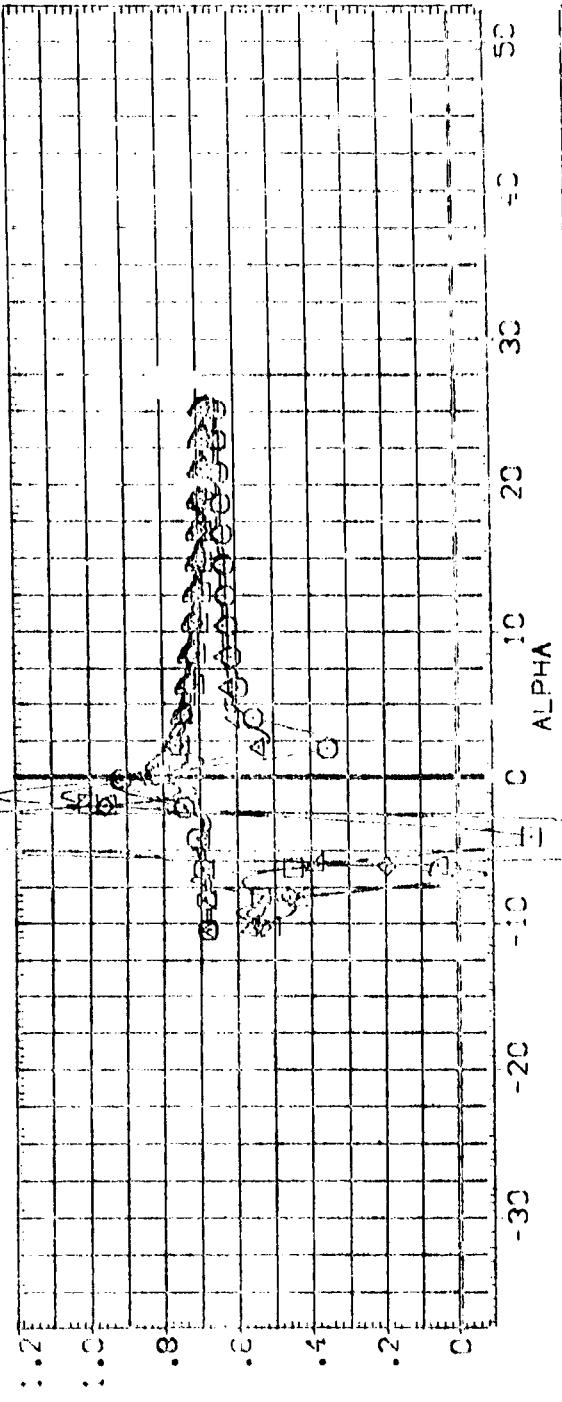


FIG 31 BODY FLAP EFFECTIVENESS, LONG QMS (M=0.20)
 (A)MACH = .20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVATION	BOFLAP	SPDRM	RUDDER	REFERENCE INFORMATION
01	198	8620	27.107	28.1	27.555	8	RS X8
02	198	8620	27.107	28.1	27.555	8	RS X8
03	198	8620	27.107	28.1	27.555	8	RS X8
04	198	8620	27.107	28.1	27.555	8	RS X8
05	198	8620	27.107	28.1	27.555	8	RS X8
06	198	8620	27.107	28.1	27.555	8	RS X8
07	198	8620	27.107	28.1	27.555	8	RS X8
08	198	8620	27.107	28.1	27.555	8	RS X8
09	198	8620	27.107	28.1	27.555	8	RS X8
10	198	8620	27.107	28.1	27.555	8	RS X8
11	198	8620	27.107	28.1	27.555	8	RS X8
12	198	8620	27.107	28.1	27.555	8	RS X8
13	198	8620	27.107	28.1	27.555	8	RS X8
14	198	8620	27.107	28.1	27.555	8	RS X8
15	198	8620	27.107	28.1	27.555	8	RS X8
16	198	8620	27.107	28.1	27.555	8	RS X8
17	198	8620	27.107	28.1	27.555	8	RS X8
18	198	8620	27.107	28.1	27.555	8	RS X8
19	198	8620	27.107	28.1	27.555	8	RS X8
20	198	8620	27.107	28.1	27.555	8	RS X8

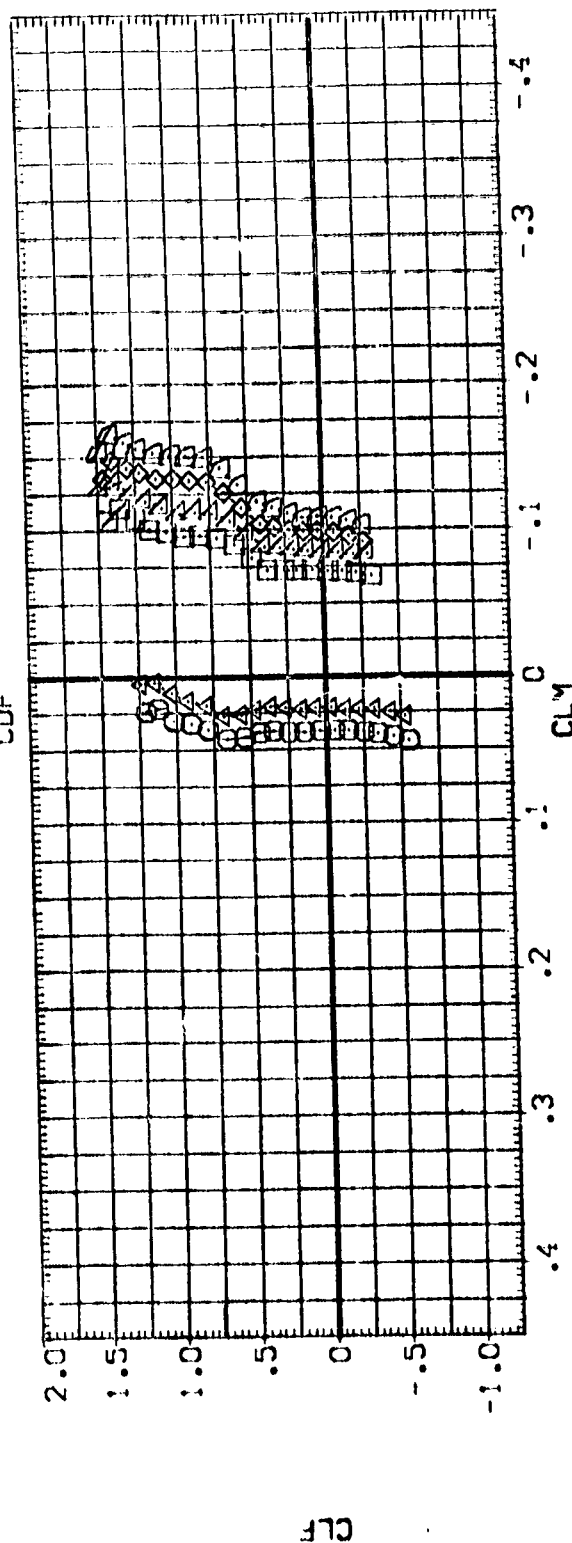
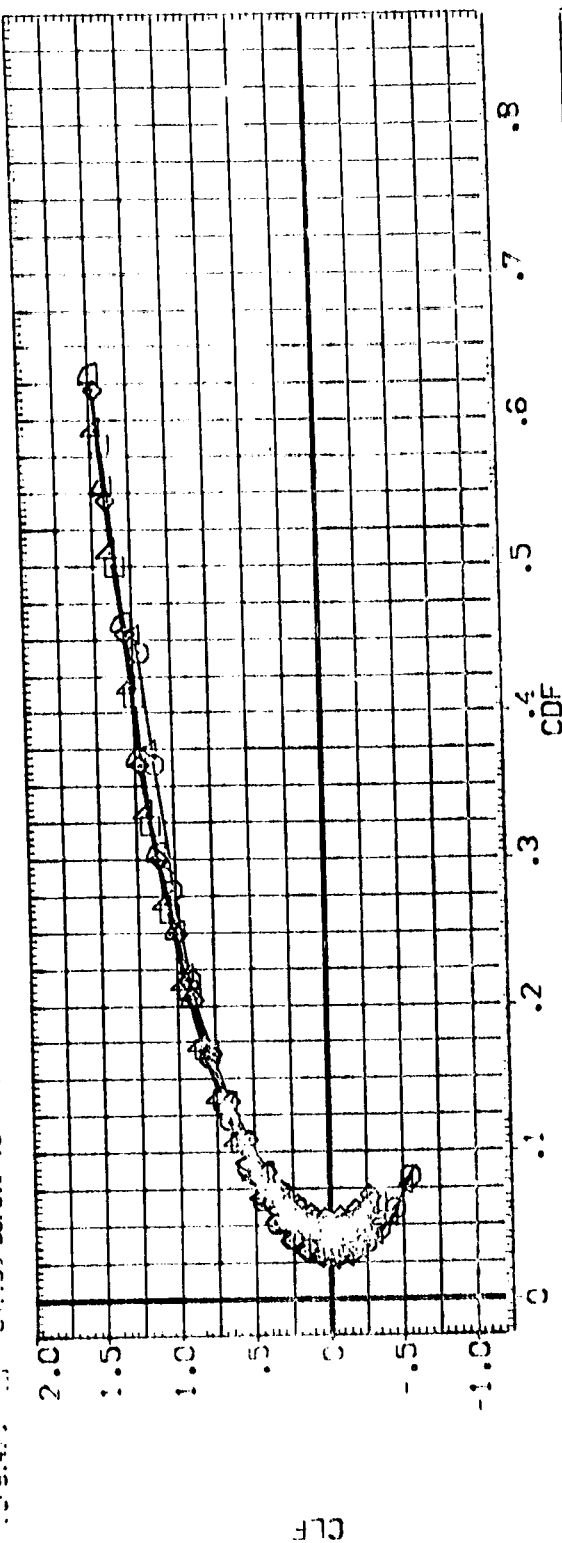


FIG 31 BODY FLAP EFFECTIVENESS, LONG OWS (M=0.20)

(A)MACH = .20



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPDBRK	BOF JAP	RJDER	REFERENCE INFORMATION
[B5031]	01153 8620 28 127E55V8 P5 X9	25.000	000	000	280-0100 50.1
[B5032]	01153 8620 28 127E55V8 P5 X9	55.000	000	000	280-0100 50.1
[B5033]	01153 8620 28 127E55V8 P5 X9	85.000	000	000	280-0100 50.1
[B5034]	01153 8620 28 127E55V8 P5 X9	25.000	000	000	280-0100 50.1
[B5035]	01153 8620 28 127E55V8 P5 X9	55.000	000	000	280-0100 50.1
[B5036]	01153 8620 28 127E55V8 P5 X9	85.000	000	000	280-0100 50.1

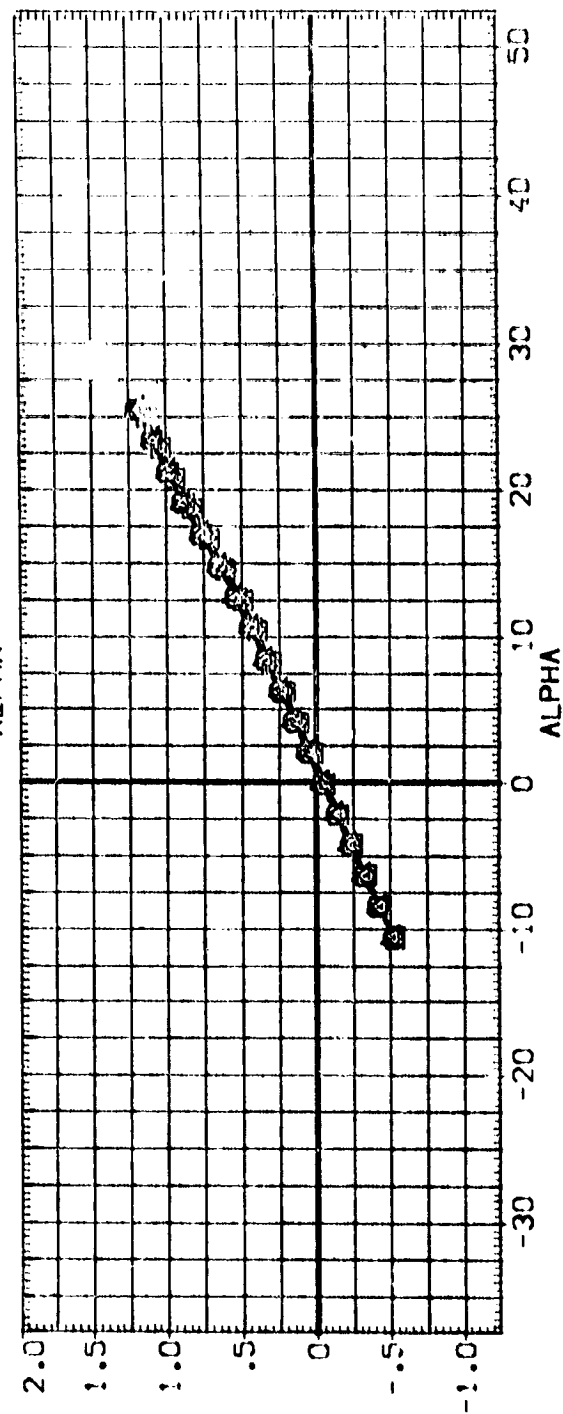
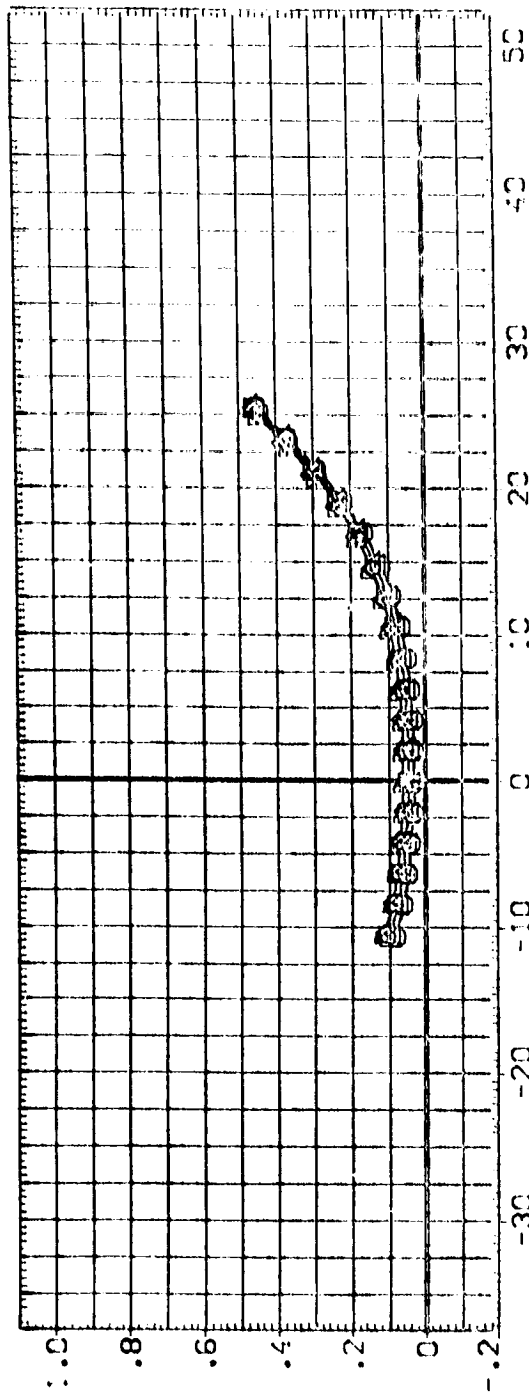


FIG 32 EFFECT OF SPDBRK DEFLECTION ON LONGITUDINAL CHARACTERISTICS

(A)MAC = .26



DATA SET SYMBOL CONFIGURATION DESCRIPTION

89031	01199	8620	2716	2812	7555	85	X9
89032	01199	8620	2716	2812	7555	85	X9
89033	01199	8620	2716	2812	7555	85	X9
89034	01199	8620	2716	2812	7555	85	X9
89035	01199	8620	2716	2812	7555	85	X9
89036	01199	8620	2716	2812	7555	85	X9
89037	01199	8620	2716	2812	7555	85	X9
89038	01199	8620	2716	2812	7555	85	X9
89039	01199	8620	2716	2812	7555	85	X9
89040	01199	8620	2716	2812	7555	85	X9

REFERENCE INFORMATION

DATE	1980	0100	50	FT
TIME	174	0100	50	FT
SPR	956	0100	50	FT
WSP	118	0100	50	FT
WSP	375	0100	50	FT
SCALE	1000	0100	50	FT

SPBRK BOFLAP RUMER

25.000	0.000	10.000
55.000	0.000	10.000
85.000	0.000	10.000
95.000	0.000	10.000
95.000	0.000	10.000
95.000	0.000	10.000
95.000	0.000	10.000
95.000	0.000	10.000
95.000	0.000	10.000

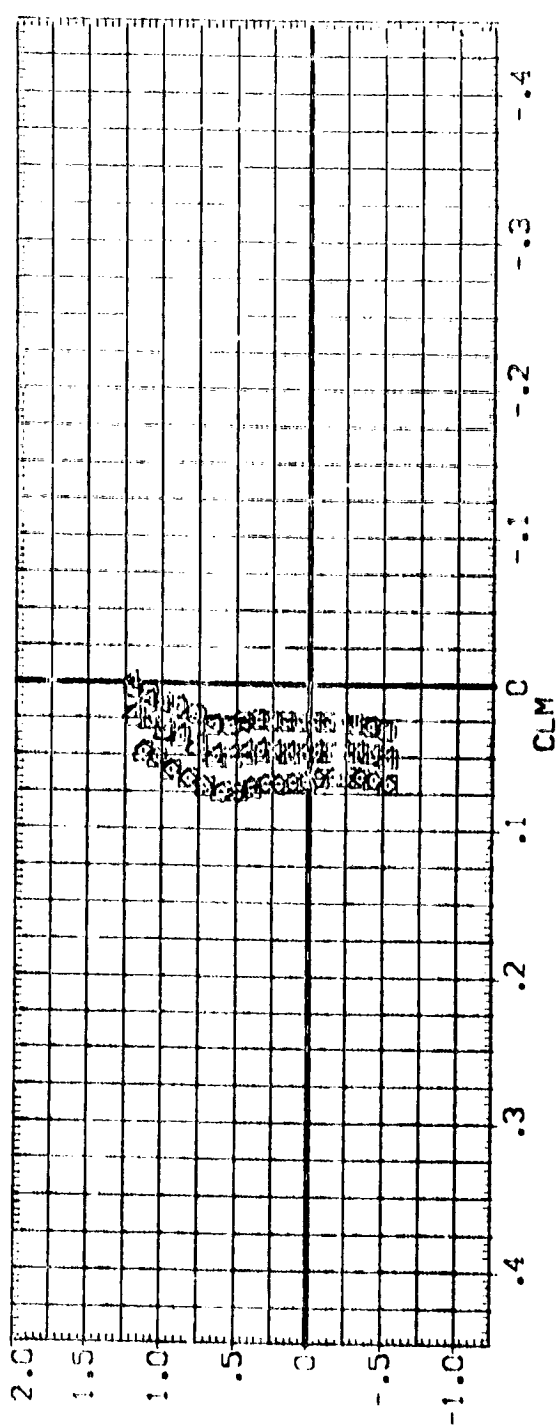
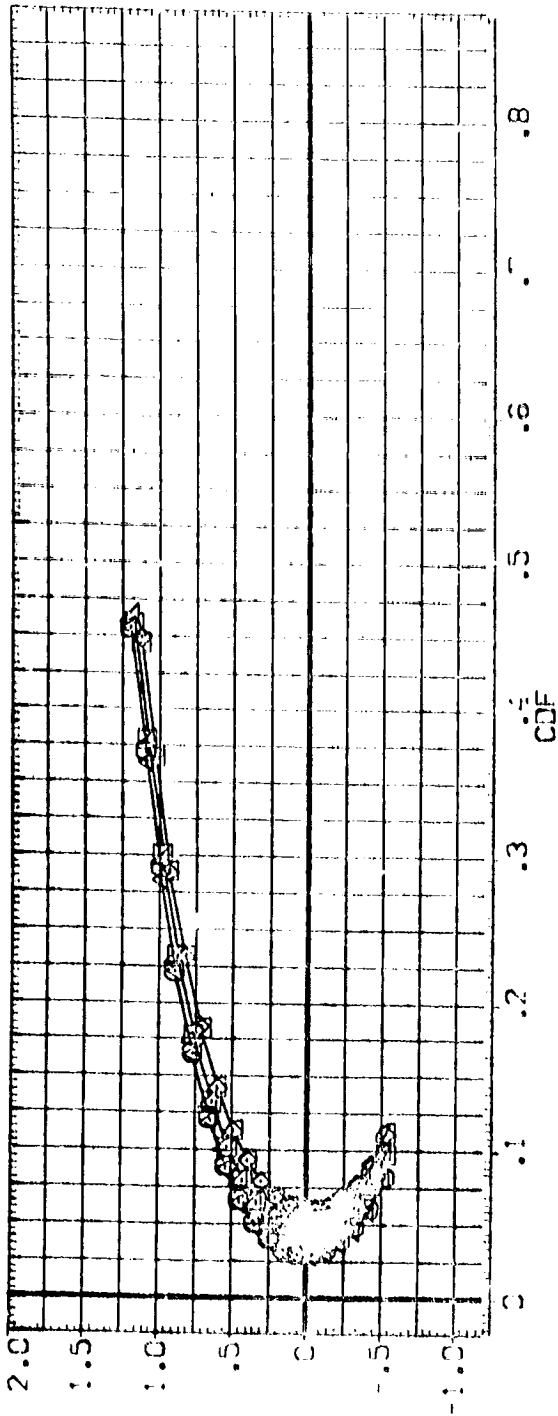


FIG 32 EFFECT OF SPBRK DEFLECTION ON LONGITUDINAL CHARACTERISTICS

CLMACH = .26



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	BOFLAP	R-JOER	REFERENCE INFORMATION
0A1193	862C12F104 6A78 27E55.8 RS X9	75.000	.000	-10.000	SREF 268C 0100 50.00
0A1193	862C12F104 6A78 27E55.8 RS X9	55.000	.000	-10.000	REF 10.0000 50.00
0A1193	862C12F104 6A78 27E55.8 RS X9	85.000	.000	-10.000	REF 10.0000 50.00
0A1193	862C12F104 6A78 27E55.8 RS X9	55.000	.000	-10.000	REF 10.0000 50.00
0A1193	862C12F104 6A78 27E55.8 RS X9	55.000	.000	-10.000	REF 10.0000 50.00
0A1193	862C12F104 6A78 27E55.8 RS X9	55.000	.000	-10.000	REF 10.0000 50.00
0A1193	862C12F104 6A78 27E55.8 RS X9	55.000	.000	-10.000	REF 10.0000 50.00
0A1193	862C12F104 6A78 27E55.8 RS X9	55.000	.000	-10.000	REF 10.0000 50.00
0A1193	862C12F104 6A78 27E55.8 RS X9	55.000	.000	-10.000	REF 10.0000 50.00
0A1193	862C12F104 6A78 27E55.8 RS X9	55.000	.000	-10.000	REF 10.0000 50.00

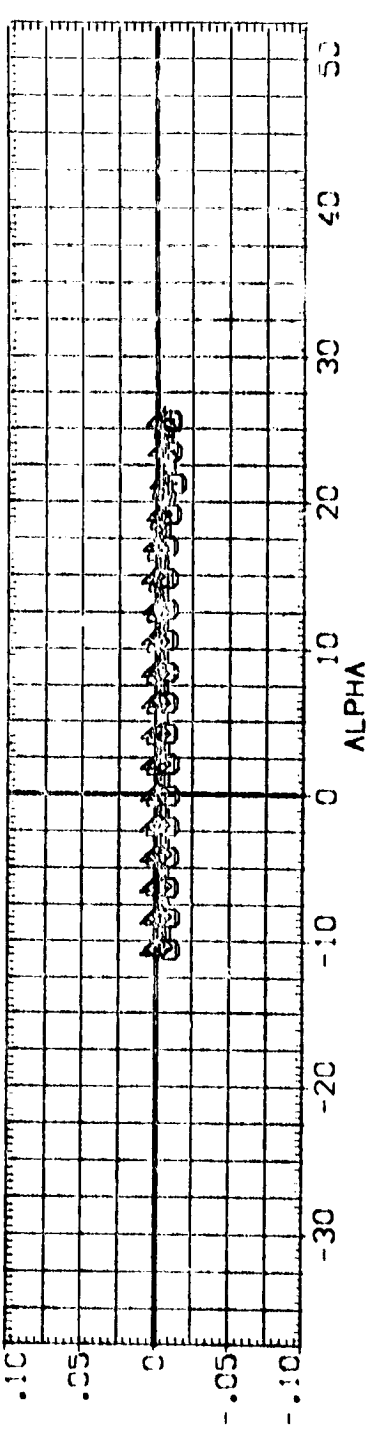
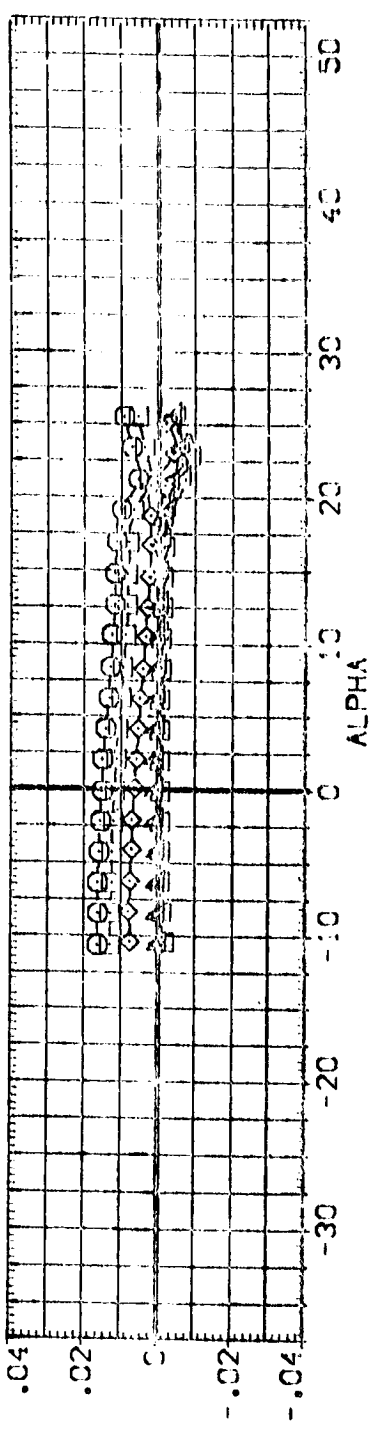
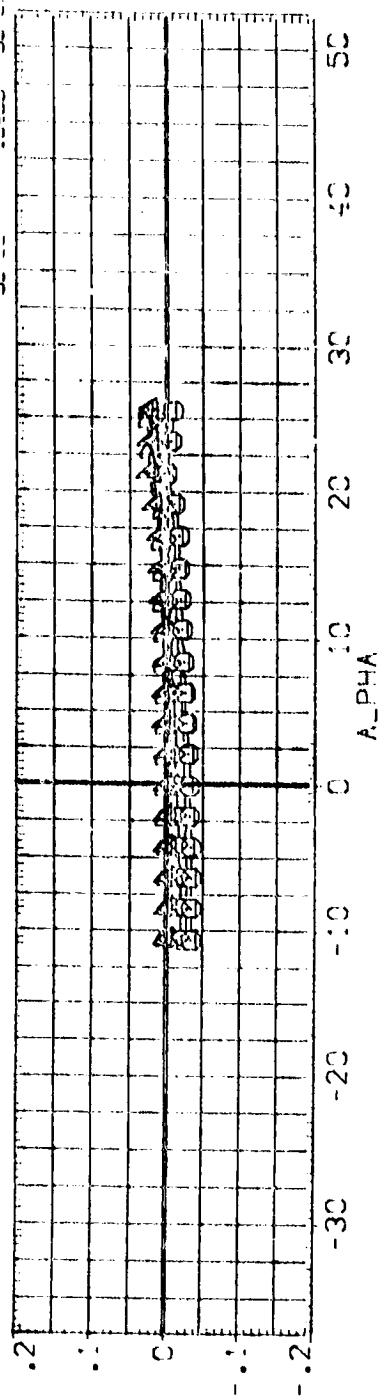


FIG 32 EFFECT OF SPOBRK DEFLECTION ON LONGITUDINAL CHARACTERISTICS

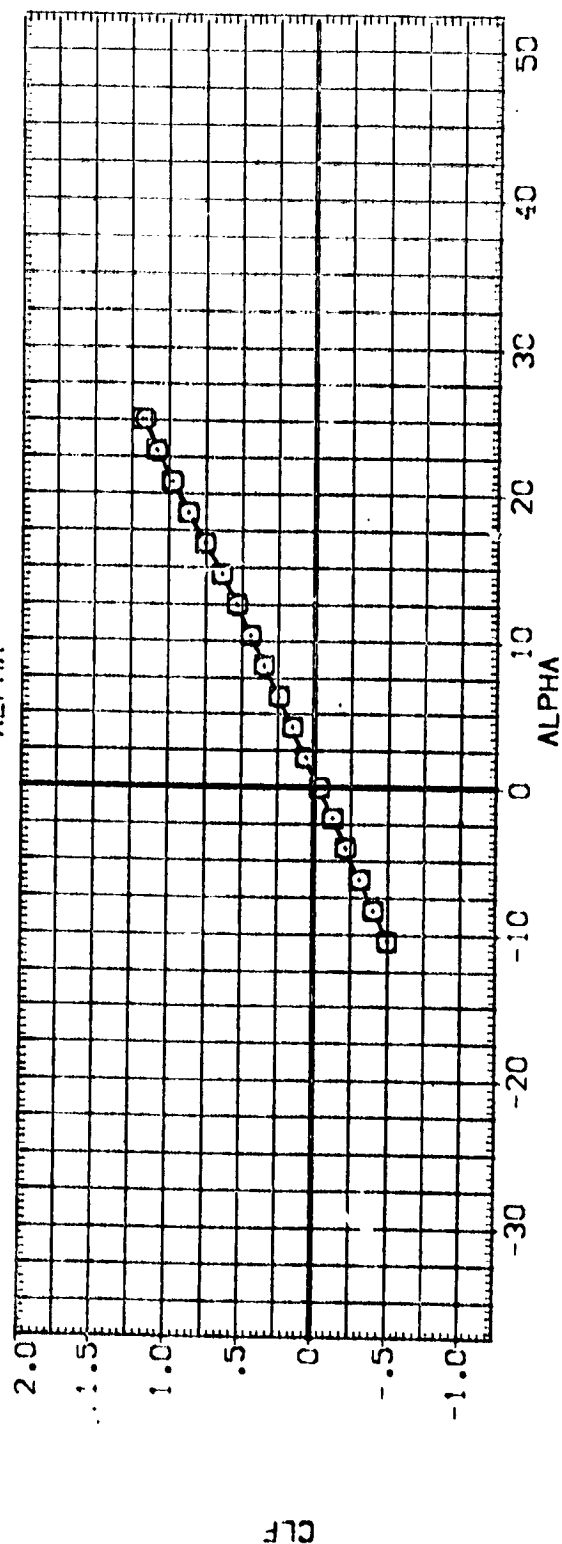
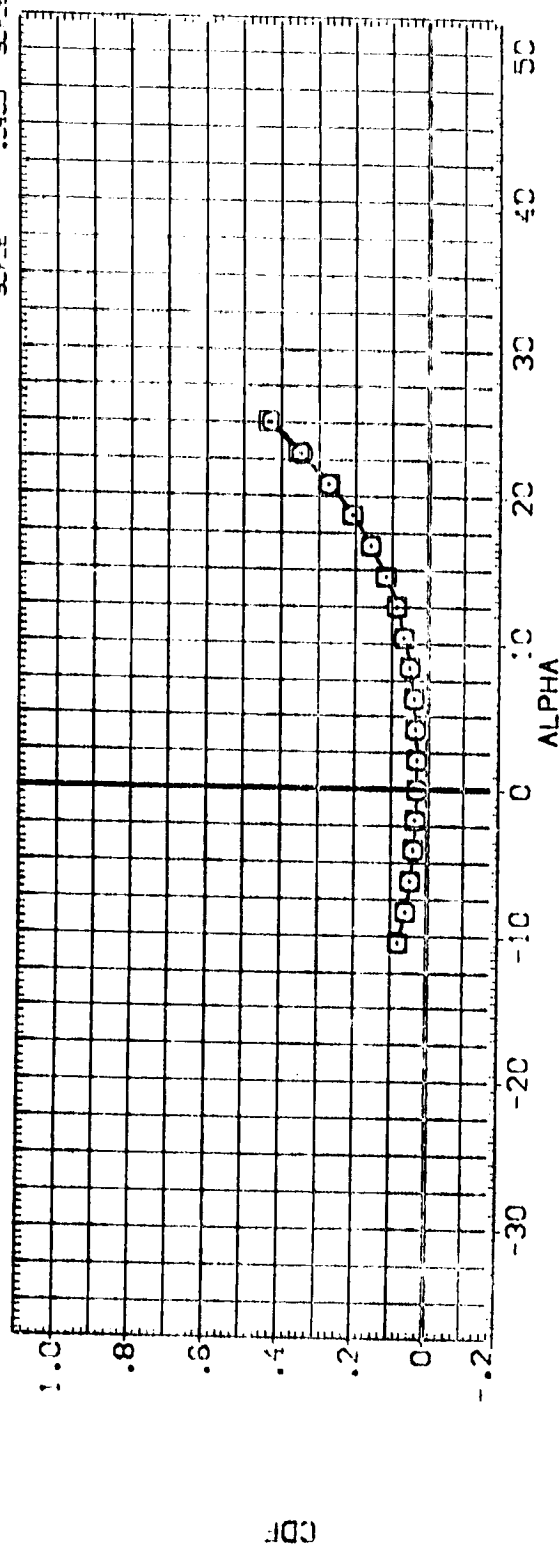
[illegible]

FIG 33 EFFECT OF DUAL PANEL RUDDER GAPS ON LONGITUDINAL CHARACTERISTICS

$$[A]_{\text{AC}} = .20$$

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DATA SET SYMBOL: 01198 862C12F10M16N28M127E55V8 R5 X9
 (F9112) 01198 862C12F10M16N28M127E55V8 R19X9

CONFIGURATION DESCRIPTION

SPOBRK BOFLAP RUDDER
 25.000 .000 .000
 25.000 .000 .000

REFERENCE INFORMATION:
 REF 2650.0100 SCALE: \$
 REF 474.8100 SCALE: \$
 REF 936.8800 SCALE: \$
 REF 1275.8800 SCALE: \$
 REF 1420.0000 SCALE: \$
 REF 1750.0000 SCALE: \$
 REF 375.0000 SCALE: \$

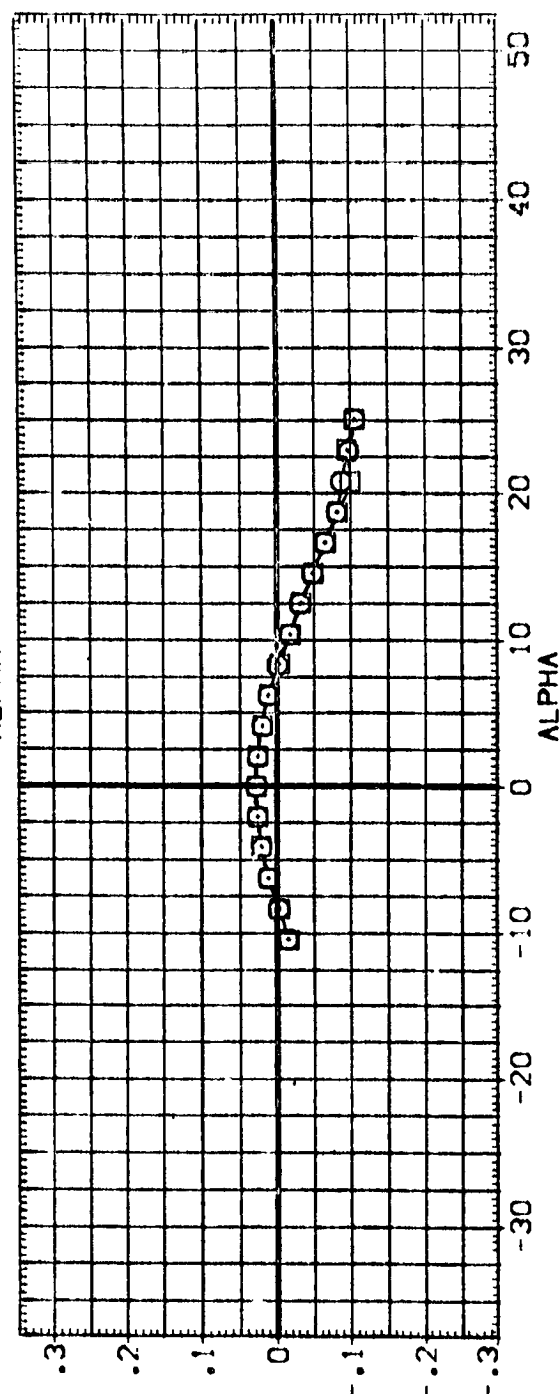
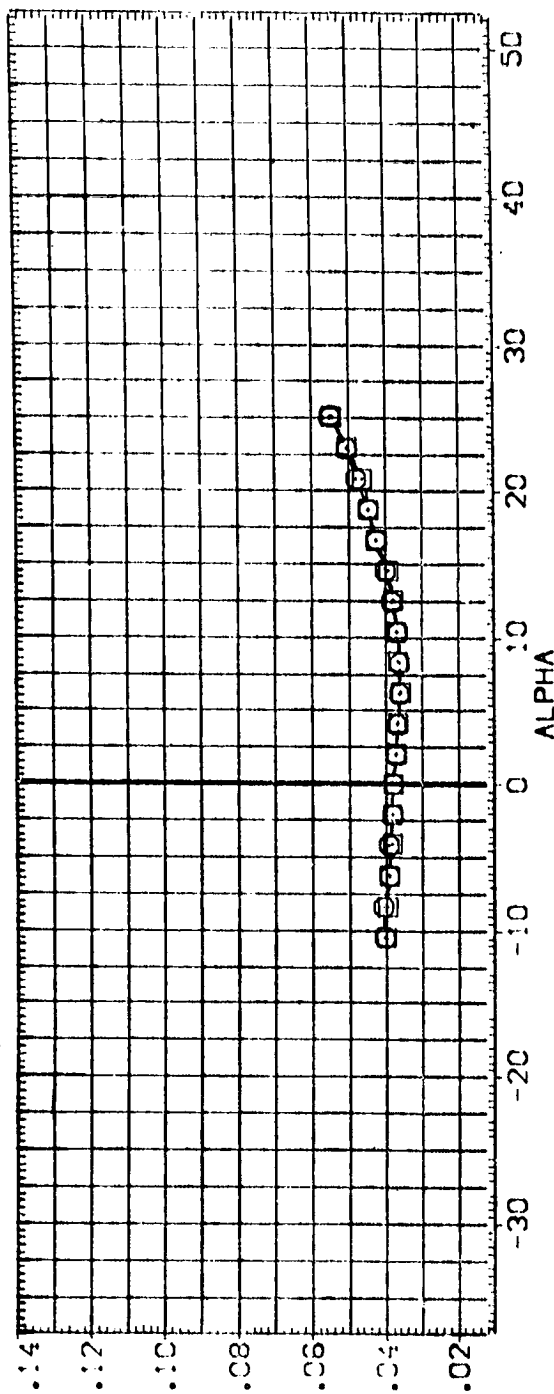


FIG 33 EFFECT OF DUAL PANEL RUDDER GAPS ON LONGITUDINAL CHARACTERISTICS

(A)MACH = .20



DATA SET SYMBOL: 01193 86212 101628127E5518 R5 X9
 (B-9112)
 (B-9112)

CONFIGURATION DESCRIPTION:
 01193 86212 101628127E5518 R5 X9
 01193 86212 101628127E5518 R5 X9

SPDBK BDFLAP RUDDER
 25.000 .000 .000
 25.000 .000 .000

REFERENCE INFORMATION
 SREF 2690.0100 SQ.FT.
 LREF 474.8100 INCHES
 BREF 936.8800 INCHES
 XREF 1016.28 INCHES
 YREF 1016.28 INCHES
 ZREF 315.0400 INCHES
 SCALE

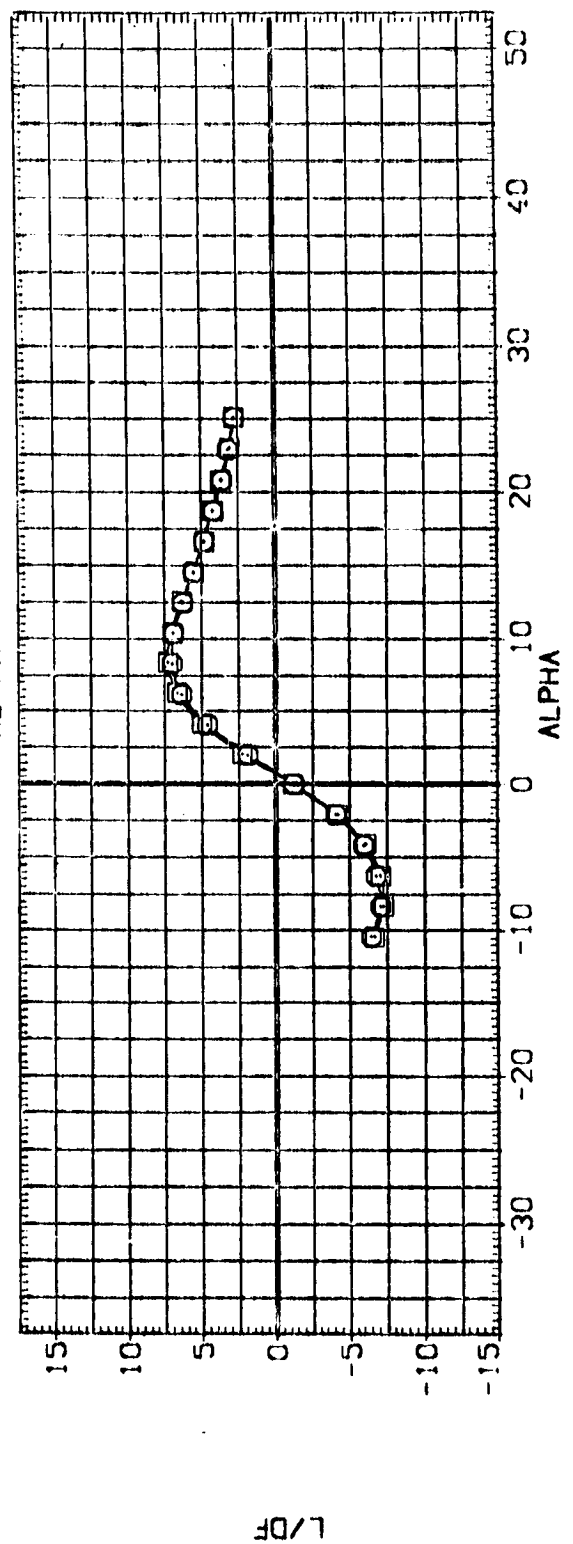
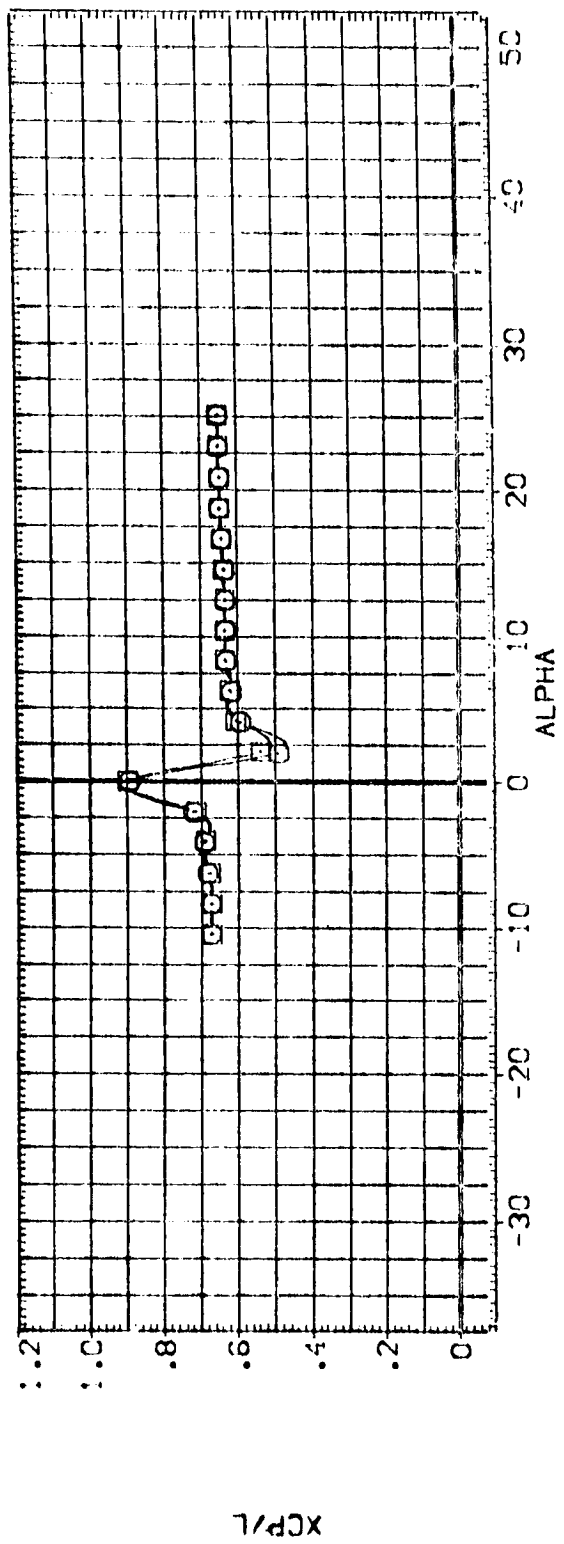


FIG 33 EFFECT OF DUAL PANEL RUDDER GAPS ON LONGITUDINAL CHARACTERISTICS

(M)MACH = .20

DATA SET SYMBOL: 041199 862012F10M16N28.127E55V8 RS X9
 041199 862012F10M16N28.127E55V8 R19X9

SPOBRK: 25.000
 BOFLAP: .000
 RUDER: .000

REFERENCE INFORMATION
 SREF: 2690.0100
 REF: 474.8100
 SREF: 936.8800
 REF: 1076.8800
 SREF: 375.0000
 REF: 1076.8800
 SCALE: .0400

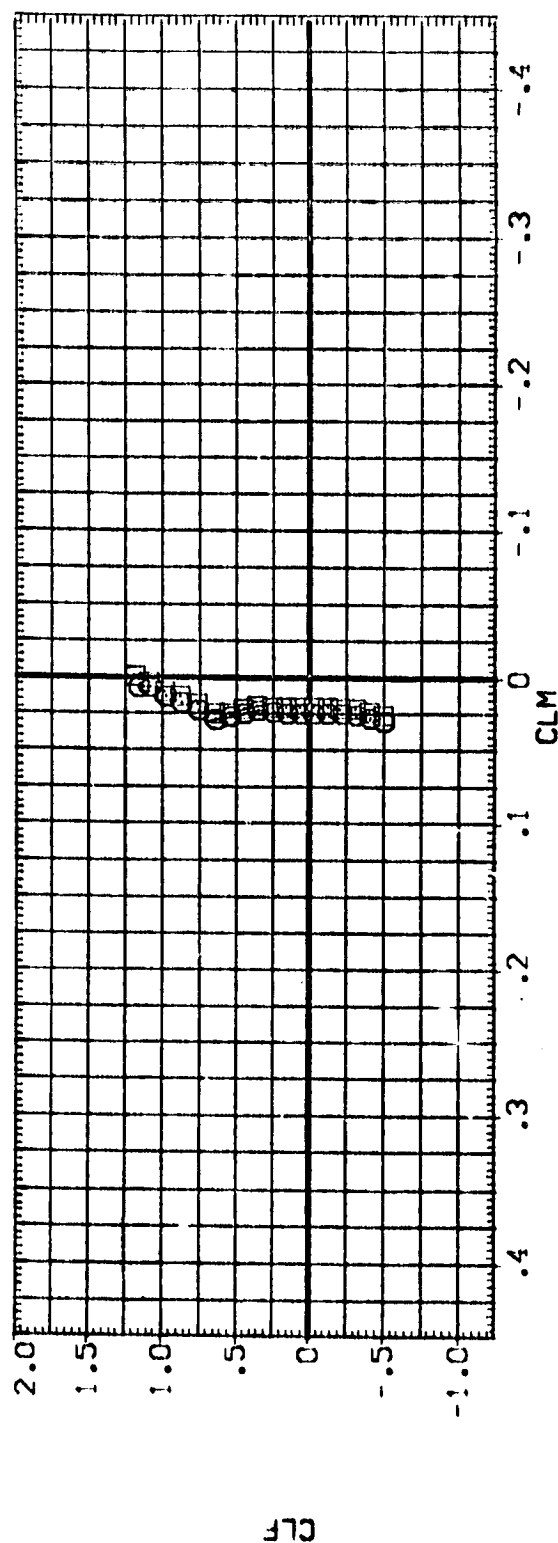
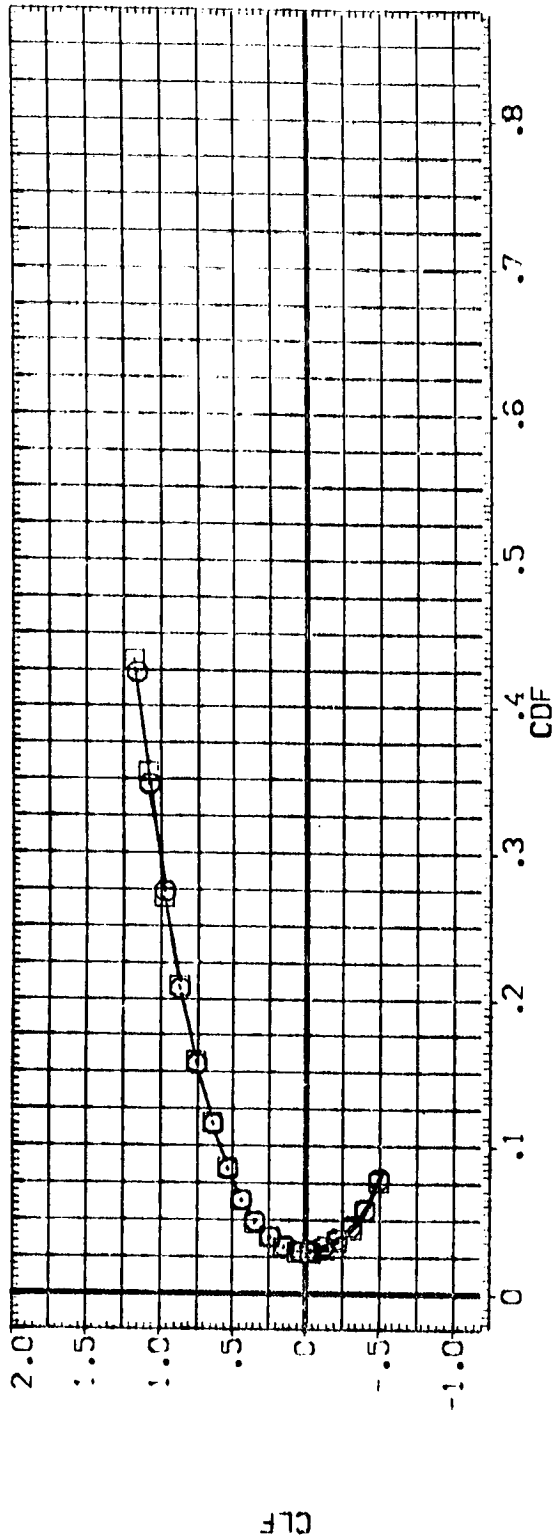


FIG 33 EFFECT OF DUAL PANEL RUDDER GAPS ON LONGITUDINAL CHARACTERISTICS

(A)MACH = .20



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDRK	BDE LAP	RUDDER	REFERENCE INFORMATION
1	01	88 8620 26 10	0.00	25.000	.000	.000	2890 0100
2	02	88 8620 26 10	5.000	25.000	.000	.000	2890 0100
3	03	88 8620 26 10	10.000	25.000	.000	.000	2890 0100
4	04	88 8620 26 10	15.000	25.000	.000	.000	2890 0100
5	05	88 8620 26 10	20.000	25.000	.000	.000	2890 0100
6	06	88 8620 26 10	25.000	25.000	.000	.000	2890 0100
7	07	88 8620 26 10	30.000	25.000	.000	.000	2890 0100
8	08	88 8620 26 10	35.000	25.000	.000	.000	2890 0100
9	09	88 8620 26 10	40.000	25.000	.000	.000	2890 0100
10	10	88 8620 26 10	45.000	25.000	.000	.000	2890 0100
11	11	88 8620 26 10	50.000	25.000	.000	.000	2890 0100
12	12	88 8620 26 10	55.000	25.000	.000	.000	2890 0100
13	13	88 8620 26 10	60.000	25.000	.000	.000	2890 0100
14	14	88 8620 26 10	65.000	25.000	.000	.000	2890 0100
15	15	88 8620 26 10	70.000	25.000	.000	.000	2890 0100
16	16	88 8620 26 10	75.000	25.000	.000	.000	2890 0100
17	17	88 8620 26 10	80.000	25.000	.000	.000	2890 0100
18	18	88 8620 26 10	85.000	25.000	.000	.000	2890 0100
19	19	88 8620 26 10	90.000	25.000	.000	.000	2890 0100
20	20	88 8620 26 10	95.000	25.000	.000	.000	2890 0100
21	21	88 8620 26 10	100.000	25.000	.000	.000	2890 0100
22	22	88 8620 26 10	105.000	25.000	.000	.000	2890 0100
23	23	88 8620 26 10	110.000	25.000	.000	.000	2890 0100
24	24	88 8620 26 10	115.000	25.000	.000	.000	2890 0100
25	25	88 8620 26 10	120.000	25.000	.000	.000	2890 0100
26	26	88 8620 26 10	125.000	25.000	.000	.000	2890 0100
27	27	88 8620 26 10	130.000	25.000	.000	.000	2890 0100
28	28	88 8620 26 10	135.000	25.000	.000	.000	2890 0100
29	29	88 8620 26 10	140.000	25.000	.000	.000	2890 0100
30	30	88 8620 26 10	145.000	25.000	.000	.000	2890 0100
31	31	88 8620 26 10	150.000	25.000	.000	.000	2890 0100
32	32	88 8620 26 10	155.000	25.000	.000	.000	2890 0100
33	33	88 8620 26 10	160.000	25.000	.000	.000	2890 0100
34	34	88 8620 26 10	165.000	25.000	.000	.000	2890 0100
35	35	88 8620 26 10	170.000	25.000	.000	.000	2890 0100
36	36	88 8620 26 10	175.000	25.000	.000	.000	2890 0100
37	37	88 8620 26 10	180.000	25.000	.000	.000	2890 0100
38	38	88 8620 26 10	185.000	25.000	.000	.000	2890 0100
39	39	88 8620 26 10	190.000	25.000	.000	.000	2890 0100
40	40	88 8620 26 10	195.000	25.000	.000	.000	2890 0100
41	41	88 8620 26 10	200.000	25.000	.000	.000	2890 0100
42	42	88 8620 26 10	205.000	25.000	.000	.000	2890 0100
43	43	88 8620 26 10	210.000	25.000	.000	.000	2890 0100
44	44	88 8620 26 10	215.000	25.000	.000	.000	2890 0100
45	45	88 8620 26 10	220.000	25.000	.000	.000	2890 0100
46	46	88 8620 26 10	225.000	25.000	.000	.000	2890 0100
47	47	88 8620 26 10	230.000	25.000	.000	.000	2890 0100
48	48	88 8620 26 10	235.000	25.000	.000	.000	2890 0100
49	49	88 8620 26 10	240.000	25.000	.000	.000	2890 0100
50	50	88 8620 26 10	245.000	25.000	.000	.000	2890 0100
51	51	88 8620 26 10	250.000	25.000	.000	.000	2890 0100
52	52	88 8620 26 10	255.000	25.000	.000	.000	2890 0100
53	53	88 8620 26 10	260.000	25.000	.000	.000	2890 0100
54	54	88 8620 26 10	265.000	25.000	.000	.000	2890 0100
55	55	88 8620 26 10	270.000	25.000	.000	.000	2890 0100
56	56	88 8620 26 10	275.000	25.000	.000	.000	2890 0100
57	57	88 8620 26 10	280.000	25.000	.000	.000	2890 0100
58	58	88 8620 26 10	285.000	25.000	.000	.000	2890 0100
59	59	88 8620 26 10	290.000	25.000	.000	.000	2890 0100
60	60	88 8620 26 10	295.000	25.000	.000	.000	2890 0100
61	61	88 8620 26 10	300.000	25.000	.000	.000	2890 0100
62	62	88 8620 26 10	305.000	25.000	.000	.000	2890 0100
63	63	88 8620 26 10	310.000	25.000	.000	.000	2890 0100
64	64	88 8620 26 10	315.000	25.000	.000	.000	2890 0100
65	65	88 8620 26 10	320.000	25.000	.000	.000	2890 0100
66	66	88 8620 26 10	325.000	25.000	.000	.000	2890 0100
67	67	88 8620 26 10	330.000	25.000	.000	.000	2890 0100
68	68	88 8620 26 10	335.000	25.000	.000	.000	2890 0100
69	69	88 8620 26 10	340.000	25.000	.000	.000	2890 0100
70	70	88 8620 26 10	345.000	25.000	.000	.000	2890 0100
71	71	88 8620 26 10	350.000	25.000	.000	.000	2890 0100
72	72	88 8620 26 10	355.000	25.000	.000	.000	2890 0100
73	73	88 8620 26 10	360.000	25.000	.000	.000	2890 0100
74	74	88 8620 26 10	365.000	25.000	.000	.000	2890 0100
75	75	88 8620 26 10	370.000	25.000	.000	.000	2890 0100
76	76	88 8620 26 10	375.000	25.000	.000	.000	2890 0100
77	77	88 8620 26 10	380.000	25.000	.000	.000	2890 0100
78	78	88 8620 26 10	385.000	25.000	.000	.000	2890 0100
79	79	88 8620 26 10	390.000	25.000	.000	.000	2890 0100
80	80	88 8620 26 10	395.000	25.000	.000	.000	2890 0100
81	81	88 8620 26 10	400.000	25.000	.000	.000	2890 0100
82	82	88 8620 26 10	405.000	25.000	.000	.000	2890 0100
83	83	88 8620 26 10	410.000	25.000	.000	.000	2890 0100
84	84	88 8620 26 10	415.000	25.000	.000	.000	2890 0100
85	85	88 8620 26 10	420.000	25.000	.000	.000	2890 0100
86	86	88 8620 26 10	425.000	25.000	.000	.000	2890 0100
87	87	88 8620 26 10	430.000	25.000	.000	.000	2890 0100
88	88	88 8620 26 10	435.000	25.000	.000	.000	2890 0100
89	89	88 8620 26 10	440.000	25.000	.000	.000	2890 0100
90	90	88 8620 26 10	445.000	25.000	.000	.000	2890 0100
91	91	88 8620 26 10	450.000	25.000	.000	.000	2890 0100
92	92	88 8620 26 10	455.000	25.000	.000	.000	2890 0100
93	93	88 8620 26 10	460.000	25.000	.000	.000	2890 0100
94	94	88 8620 26 10	465.000	25.000	.000	.000	2890 0100
95	95	88 8620 26 10	470.000	25.000	.000	.000	2890 0100
96	96	88 8620 26 10	475.000	25.000	.000	.000	2890 0100
97	97	88 8620 26 10	480.000	25.000	.000	.000	2890 0100
98	98	88 8620 26 10	485.000	25.000	.000	.000	2890 0100
99	99	88 8620 26 10	490.000	25.000	.000	.000	2890 0100
100	100	88 8620 26 10	495.000	25.000	.000	.000	2890 0100

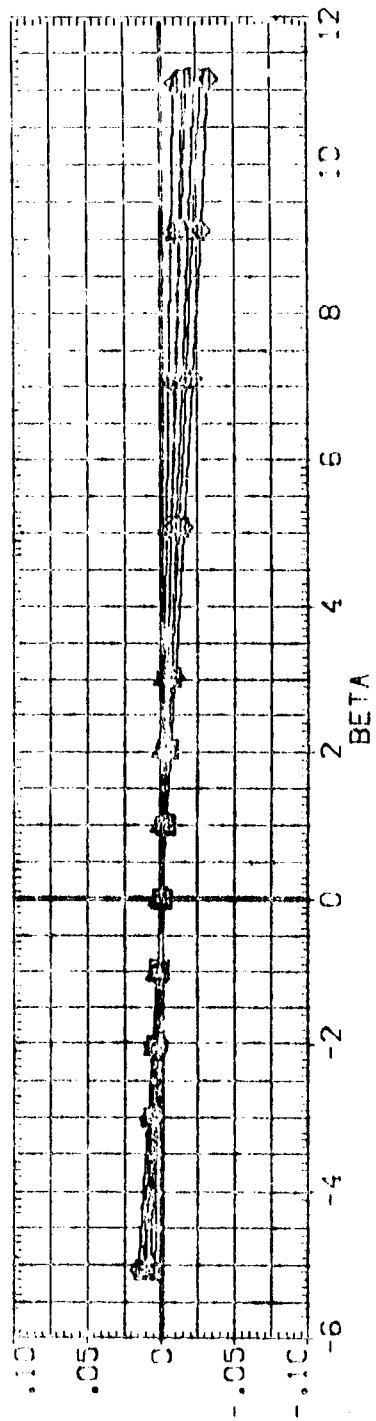
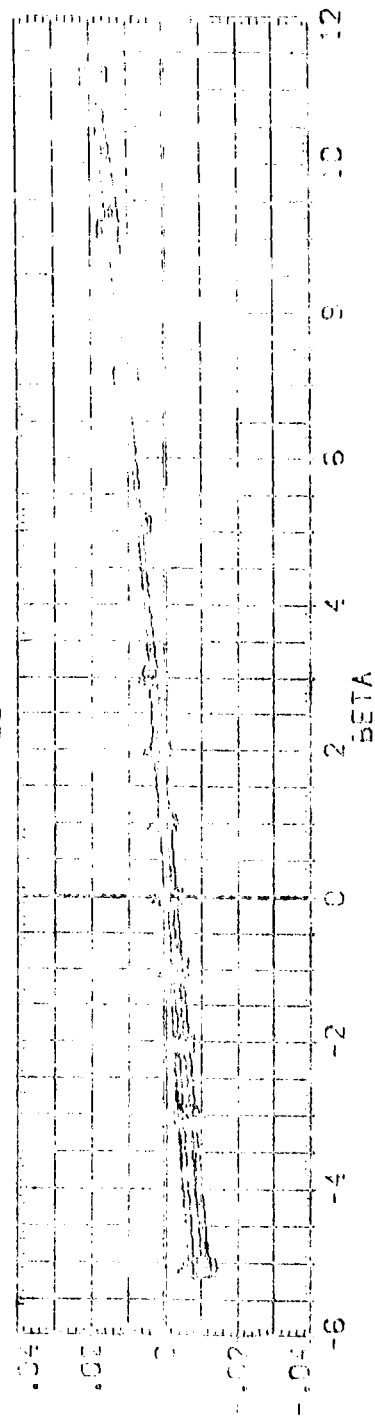
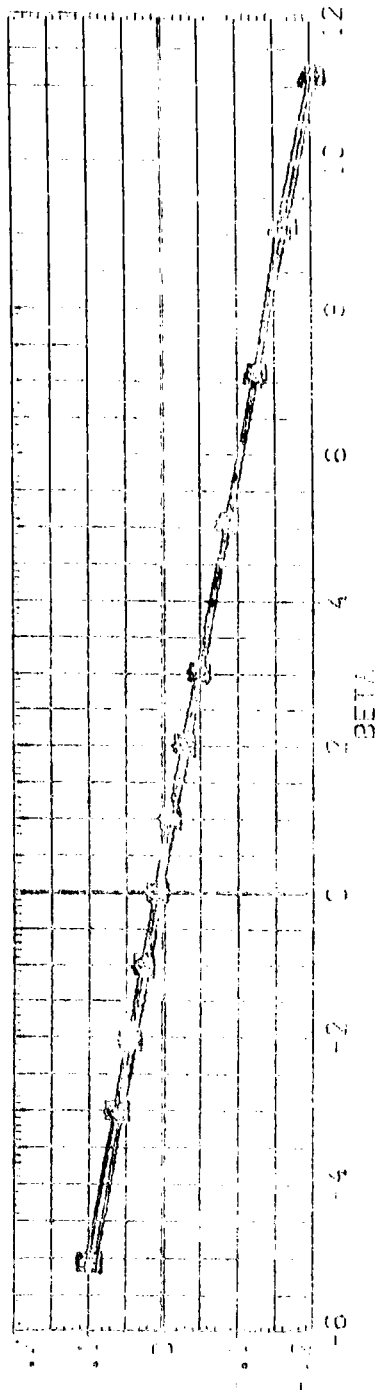


FIG 34 SHORT OMS POD EFFECT ON LATERAL DIRECTIONAL CHARACTERISTICS

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPOBRK	BOFLAP	RODGR	REFERENCE INFORMATION	SO. FT.
[R-9011]	0A1199 B62C12F10 V127E55V8 R5 X9	.000	25.000	.000	.000	2650.0100	2650.0100
[R-9014]	0A1199 B62C12F10 V127E55V8 R5 X9	15.000	25.000	.000	.000	474.8100	474.8100
[R-9015]	0A1199 B62C12F10 V127E55V8 R5 X9	20.000	25.000	.000	.000	936.8800	936.8800
[R-9002]	0A1199 B62C12F10 V127E55V8 R5 X9	15.000	25.000	.000	.000	1016.8800	1016.8800
[R-9005]	0A1199 B62C12F10 V127E55V8 R5 X9	20.000	25.000	.000	.000	375.0300	375.0300
[R-9006]	0A1199 B62C12F10 V127E55V8 R5 X9	20.000	25.000	.000	.000	375.0300	375.0300

SCALE

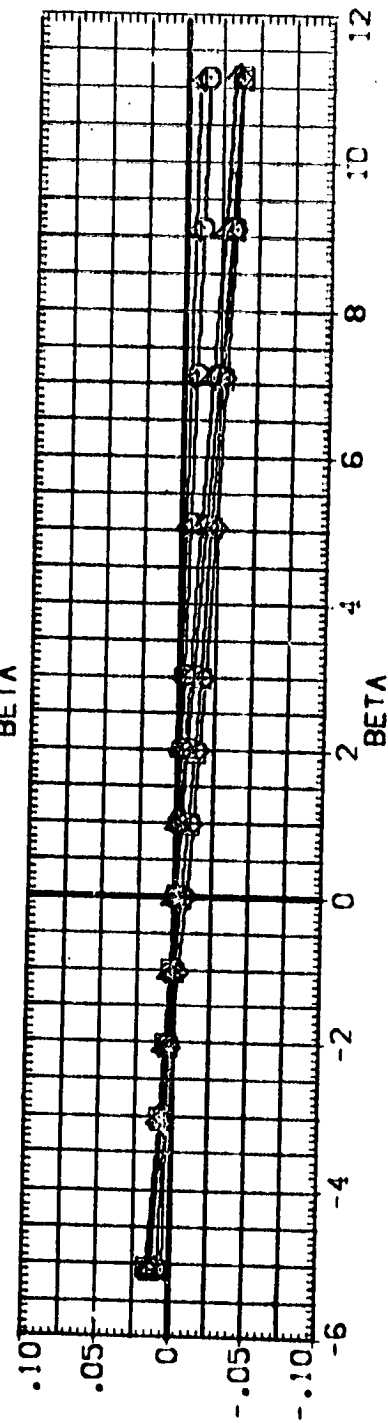
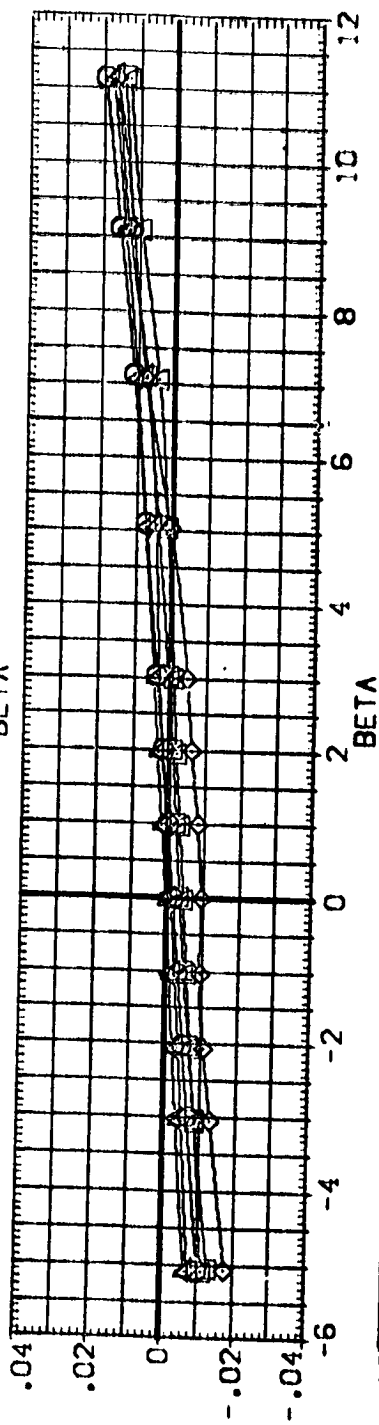
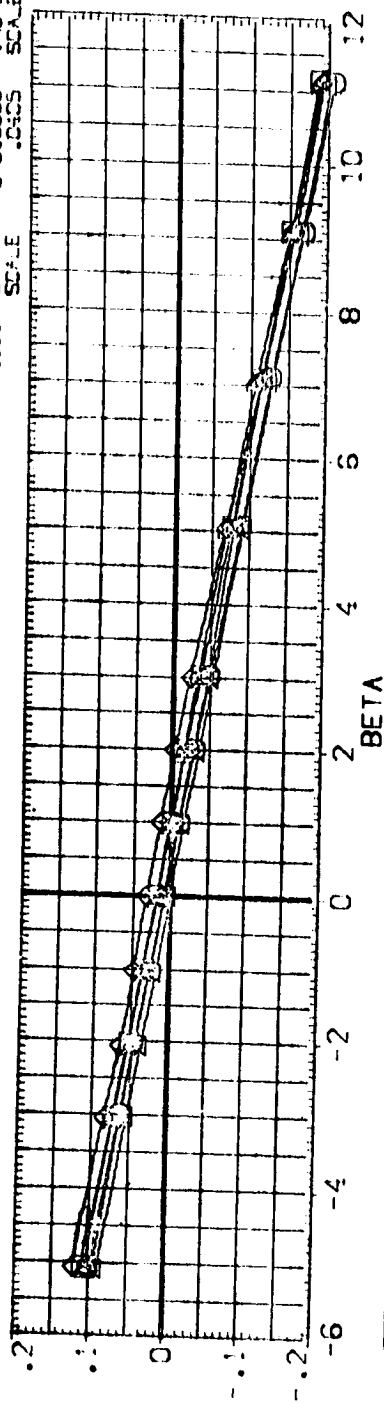


FIG 35 SHORT RMS POD EFFECT ON LATERAL DIRECTIONAL CHARACTERISTICS

(A)MACH = .26



DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ALPHA	SPDRBK	SD LAP	R LIDER	REFERENCE INFORMATION
01	000000	000000	000000	0.000	25.000	0.000	0.000	2500.0100
02	000000	000000	000000	5.000	25.000	0.000	0.000	2500.0100
03	000000	000000	000000	10.000	25.000	0.000	0.000	2500.0100
04	000000	000000	000000	15.000	25.000	0.000	0.000	2500.0100
05	000000	000000	000000	20.000	25.000	0.000	0.000	2500.0100
06	000000	000000	000000	25.000	25.000	0.000	0.000	2500.0100
07	000000	000000	000000	30.000	25.000	0.000	0.000	2500.0100
08	000000	000000	000000	35.000	25.000	0.000	0.000	2500.0100
09	000000	000000	000000	40.000	25.000	0.000	0.000	2500.0100
10	000000	000000	000000	45.000	25.000	0.000	0.000	2500.0100
11	000000	000000	000000	50.000	25.000	0.000	0.000	2500.0100
12	000000	000000	000000	55.000	25.000	0.000	0.000	2500.0100
13	000000	000000	000000	60.000	25.000	0.000	0.000	2500.0100
14	000000	000000	000000	65.000	25.000	0.000	0.000	2500.0100
15	000000	000000	000000	70.000	25.000	0.000	0.000	2500.0100
16	000000	000000	000000	75.000	25.000	0.000	0.000	2500.0100
17	000000	000000	000000	80.000	25.000	0.000	0.000	2500.0100
18	000000	000000	000000	85.000	25.000	0.000	0.000	2500.0100
19	000000	000000	000000	90.000	25.000	0.000	0.000	2500.0100
20	000000	000000	000000	95.000	25.000	0.000	0.000	2500.0100
21	000000	000000	000000	100.000	25.000	0.000	0.000	2500.0100

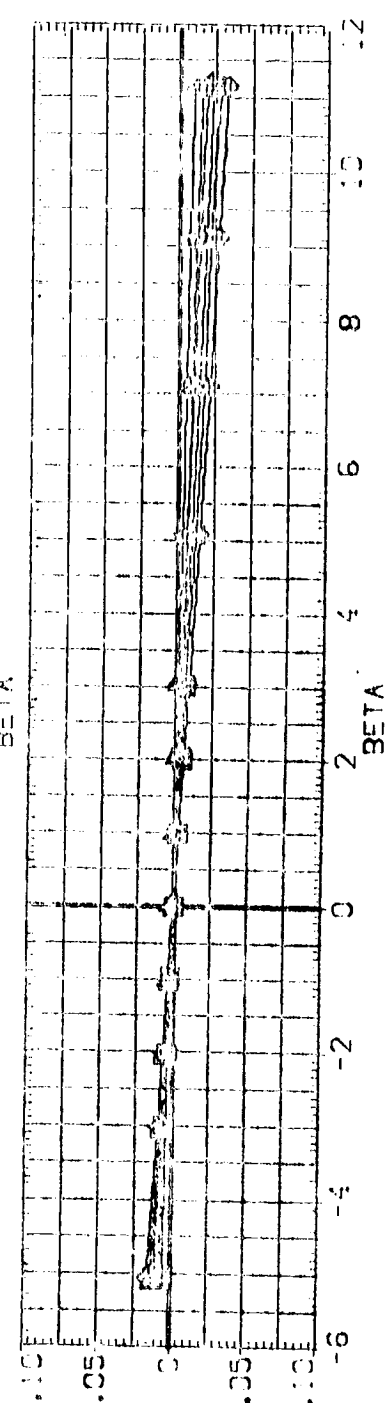
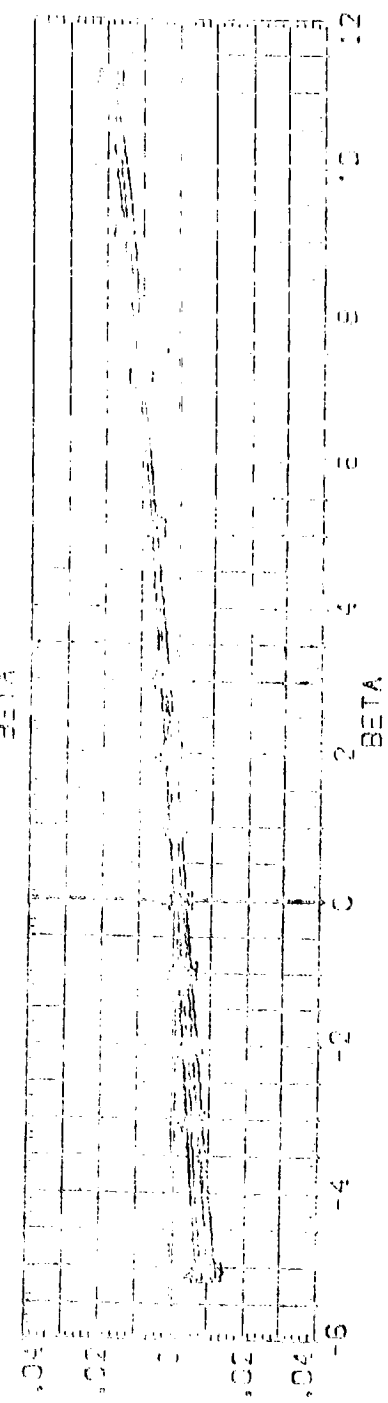
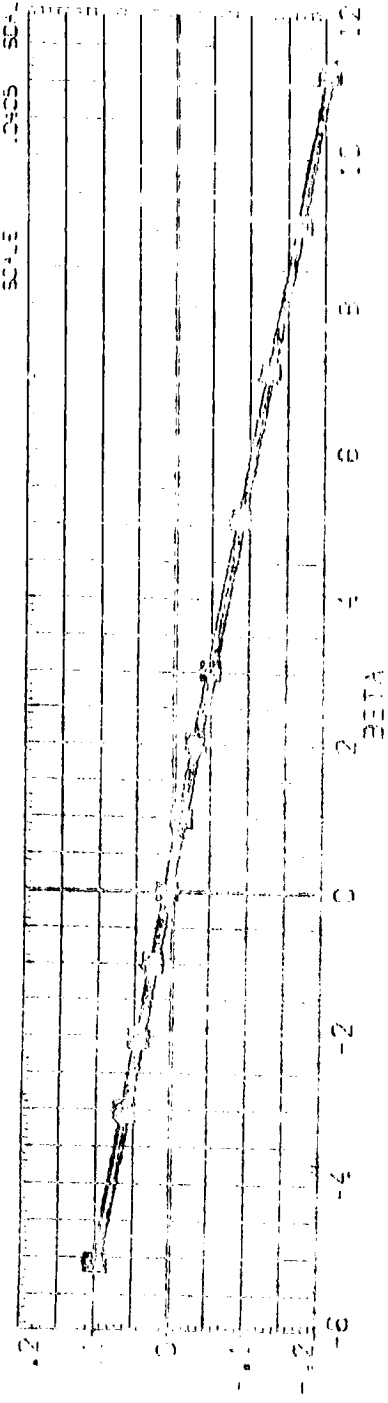


FIG 36 LONG CMS POD EFFECT ON LATERAL DIRECTIONAL CHARACTERISTICS

CADMAC = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	SPDRK	BO-LAP	RUDER	REFERENCE INFORMATION
00111	0A1199 8620 2E10	0.000	25.000	0.000	0.000	2500.0100
00112	0A1199 8620 2E10	15.000	25.000	0.000	0.000	174.8100
00113	0A1199 8620 2E10	20.000	25.000	0.000	0.000	936.1800
00114	0A1199 8620 2E10	25.000	25.000	0.000	0.000	1078.8600
00115	0A1199 8620 2E10	25.000	25.000	0.000	0.000	375.1000
00116	0A1199 8620 2E10	25.000	25.000	0.000	0.000	500.0000
00117	0A1199 8620 2E10	25.000	25.000	0.000	0.000	500.0000
00118	0A1199 8620 2E10	25.000	25.000	0.000	0.000	500.0000
00119	0A1199 8620 2E10	25.000	25.000	0.000	0.000	500.0000
00120	0A1199 8620 2E10	25.000	25.000	0.000	0.000	500.0000

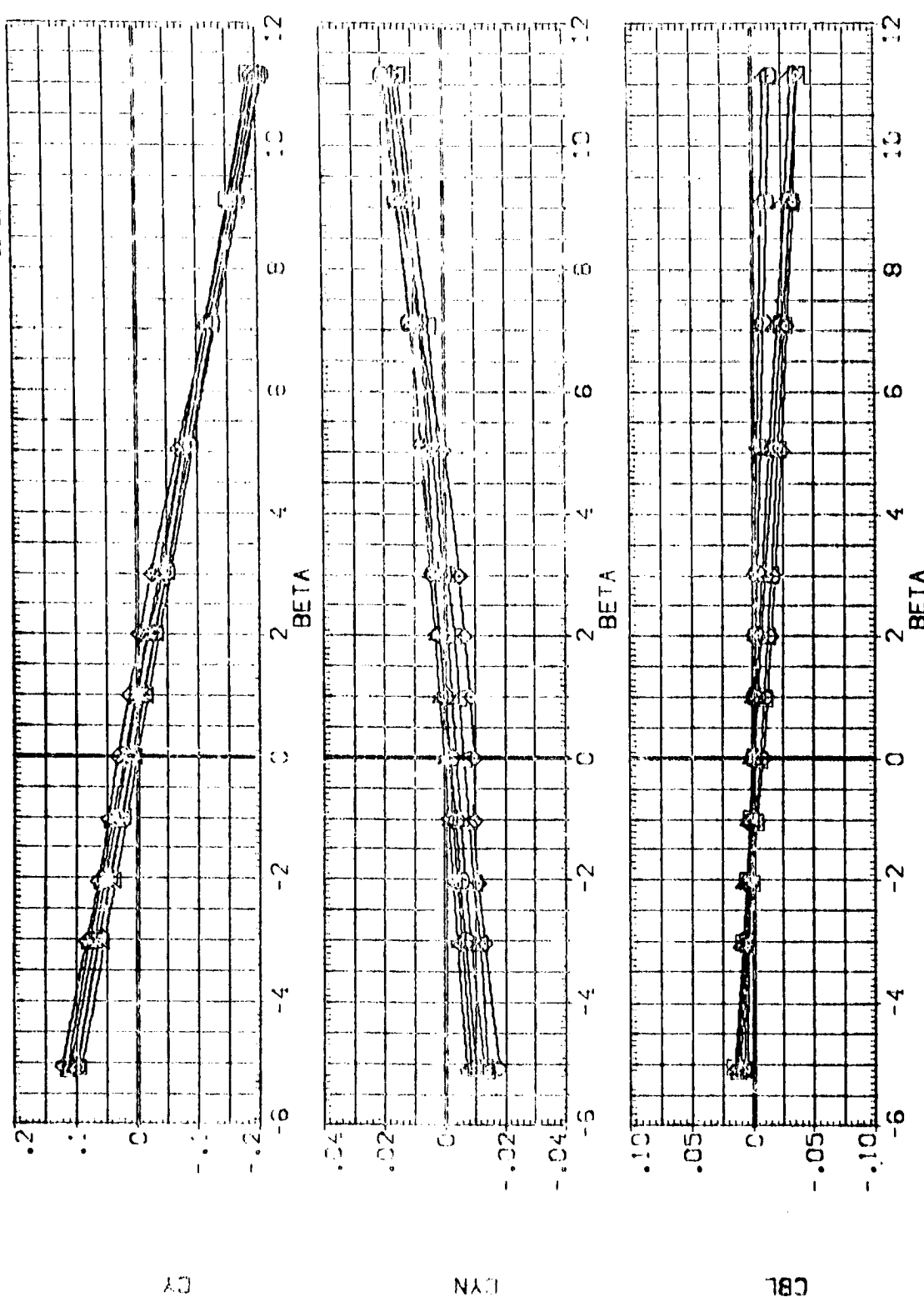


FIG 37 LONG RMS POD EFFECT ON LATERAL DIRECTIONAL CHARACTERISTICS

(A)MACH = .26



DATA SET SY-80. CONFIGURATION DESCRIPTION

DATA SET SY-80	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
01199	8521 26 10 15 28 12 55 8 25 X8	0.00	0.00	0.00	0.00	2500 0100
01199	8521 26 10 15 28 12 55 8 25 X8	-20.00	-20.00	-20.00	-20.00	2500 0100
01199	8521 26 10 15 28 12 55 8 25 X8	-5.00	-5.00	-5.00	-5.00	2500 0100
01199	8521 26 10 15 28 12 55 8 25 X8	-10.00	-10.00	-10.00	-10.00	2500 0100
01199	8521 26 10 15 28 12 55 8 25 X8	-15.00	-15.00	-15.00	-15.00	2500 0100
01199	8521 26 10 15 28 12 55 8 25 X8	-20.00	-20.00	-20.00	-20.00	2500 0100

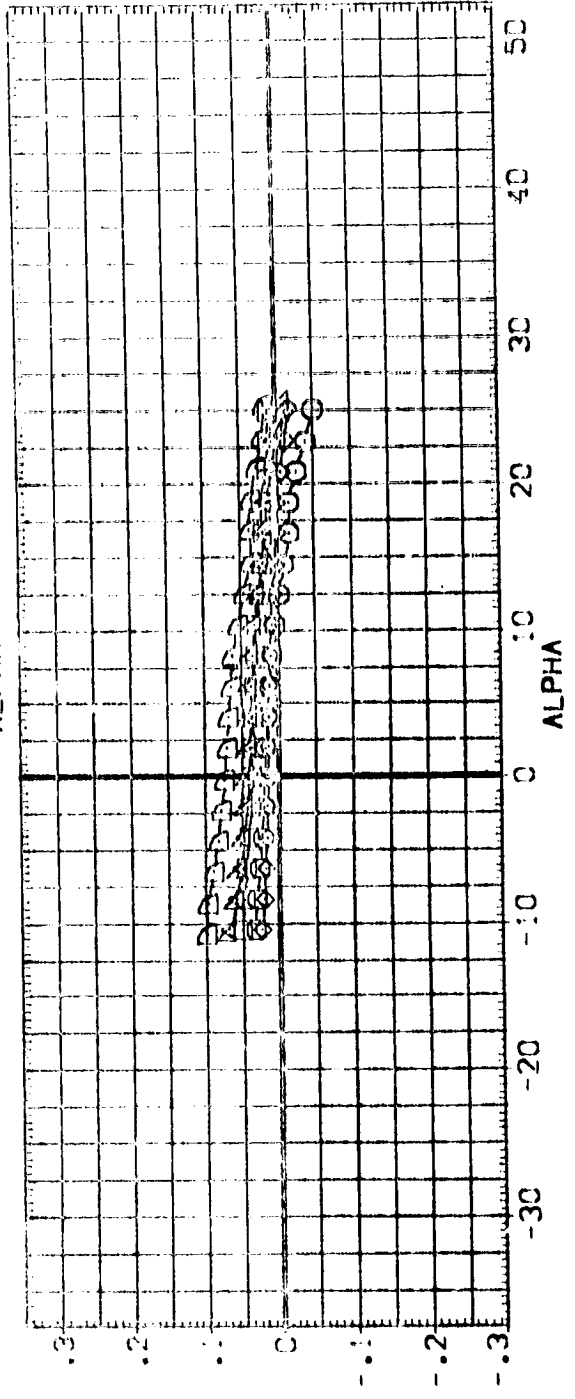
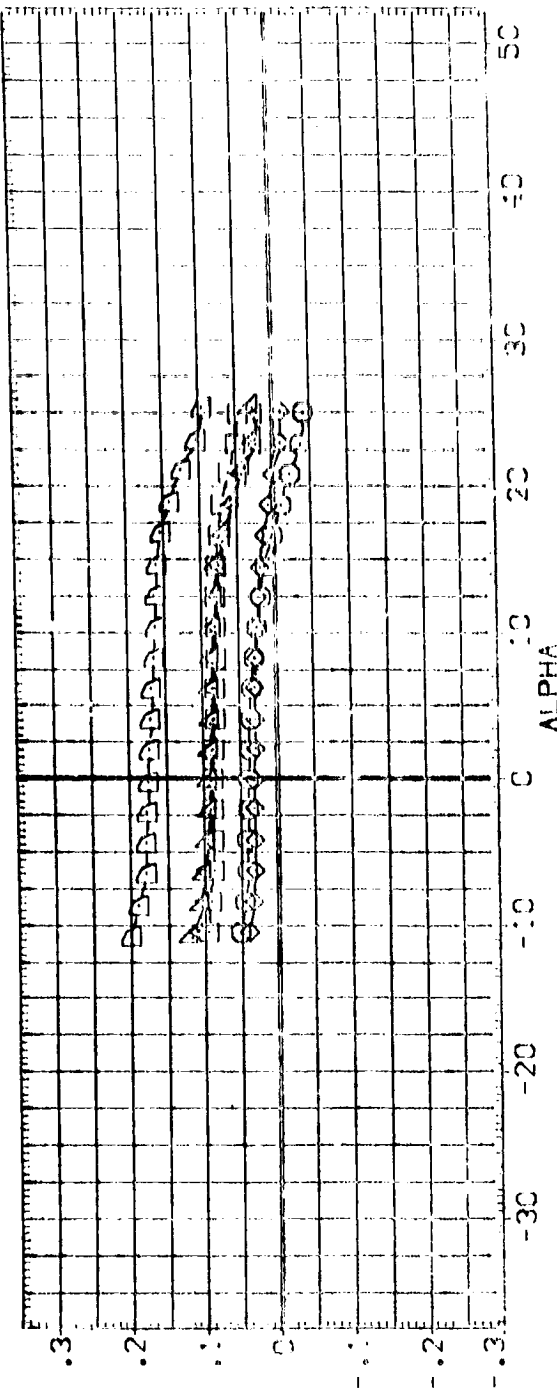


FIG 38 E55 FULL SPANAILERON EFFECTIVENESS

CAMAC = .20



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	REFERENCE INFORMATION
01	01	01	01
02	02	02	02
03	03	03	03
04	04	04	04
05	05	05	05
06	06	06	06
07	07	07	07
08	08	08	08
09	09	09	09
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50

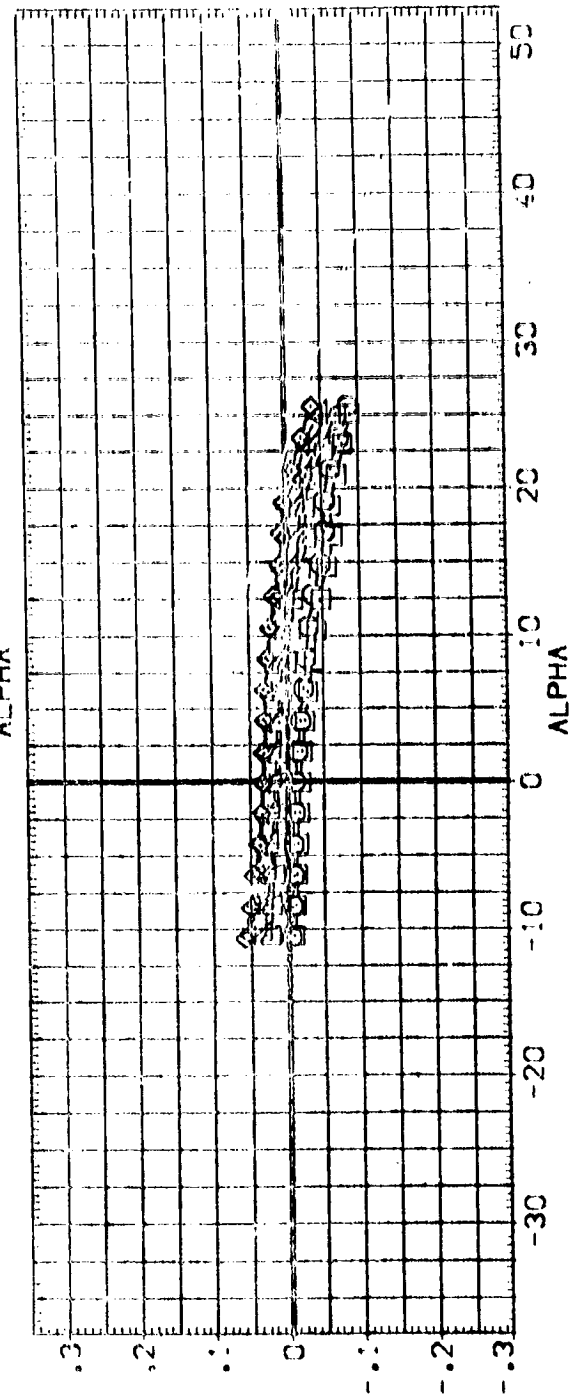
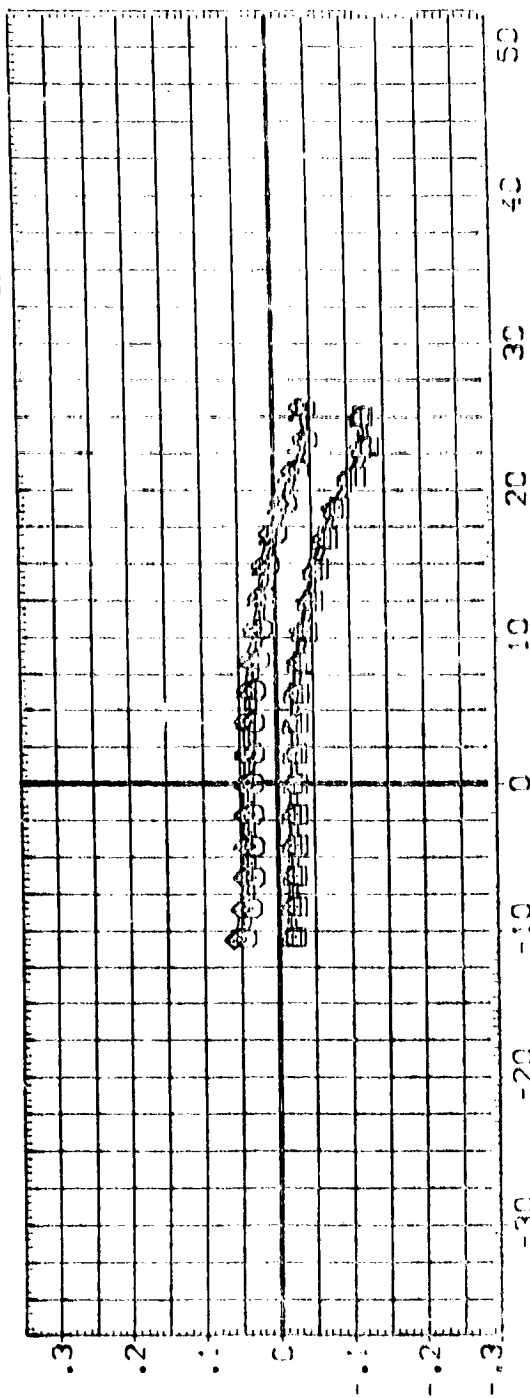


FIG 39 E55 INBOARD PANELAILERON EFFECTIVENESS, EITRIM=0 DEG.

CALVACH = .26



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-10	ELV-11	ELV-21	ELV-20	REFERENCE INFORMATION
01199	28.00	27.55	28.00	28.00	28.00	50.00
02199	28.00	27.55	28.00	28.00	28.00	50.00
03199	28.00	27.55	28.00	28.00	28.00	50.00
04199	28.00	27.55	28.00	28.00	28.00	50.00
05199	28.00	27.55	28.00	28.00	28.00	50.00
06199	28.00	27.55	28.00	28.00	28.00	50.00
07199	28.00	27.55	28.00	28.00	28.00	50.00
08199	28.00	27.55	28.00	28.00	28.00	50.00
09199	28.00	27.55	28.00	28.00	28.00	50.00
10199	28.00	27.55	28.00	28.00	28.00	50.00
11199	28.00	27.55	28.00	28.00	28.00	50.00
12199	28.00	27.55	28.00	28.00	28.00	50.00
13199	28.00	27.55	28.00	28.00	28.00	50.00
14199	28.00	27.55	28.00	28.00	28.00	50.00
15199	28.00	27.55	28.00	28.00	28.00	50.00
16199	28.00	27.55	28.00	28.00	28.00	50.00
17199	28.00	27.55	28.00	28.00	28.00	50.00
18199	28.00	27.55	28.00	28.00	28.00	50.00
19199	28.00	27.55	28.00	28.00	28.00	50.00
20199	28.00	27.55	28.00	28.00	28.00	50.00

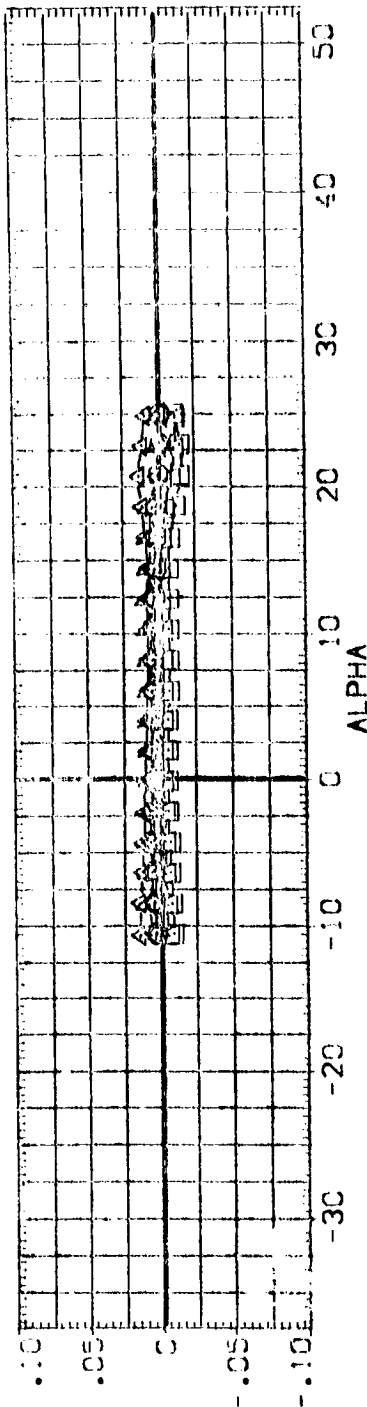
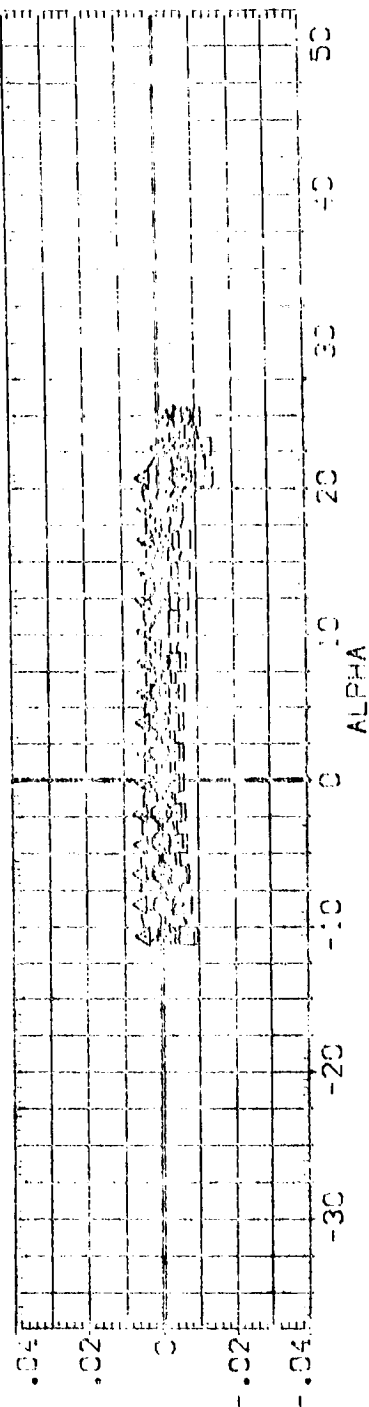
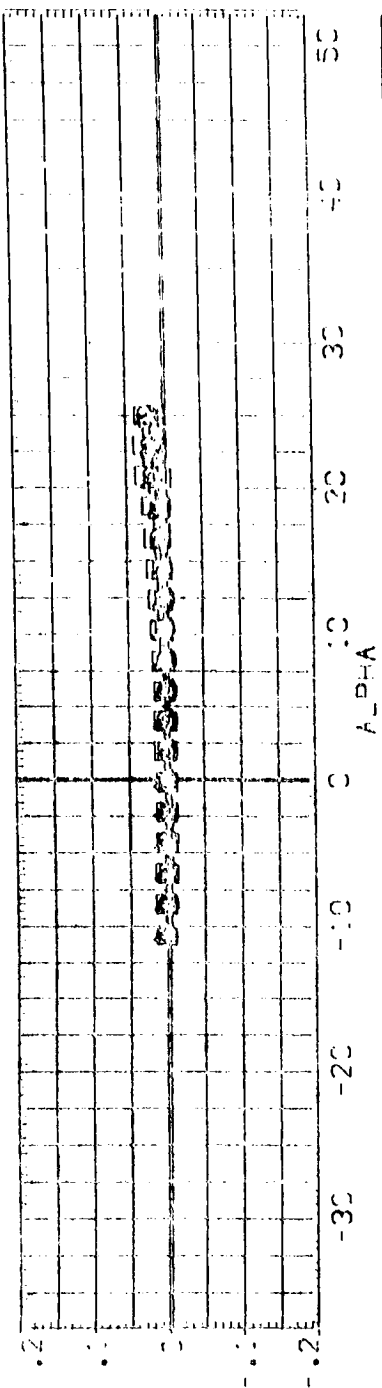


FIG 41 E55 OUTBOARD AILERON EFFECTIVENESS, EOTRIM=-20 DEG., EI=0,-10,-20 DEG.
CAJYAC- = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-LC	ELV-LJ	ELV-RI	ELV-RJ	REFERENCE INFORMATION
01	0116N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
02	0216N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
03	0316N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
04	0416N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
05	0516N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
06	0616N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
07	0716N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
08	0816N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
09	0916N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
10	1016N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
11	1116N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
12	1216N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
13	1316N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
14	1416N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
15	1516N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
16	1616N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
17	1716N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
18	1816N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
19	1916N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555
20	2016N28W17E55V8 R5 X8	-10.000	.000	.000	-10.000	2690 0100 50.FT. 55.555555

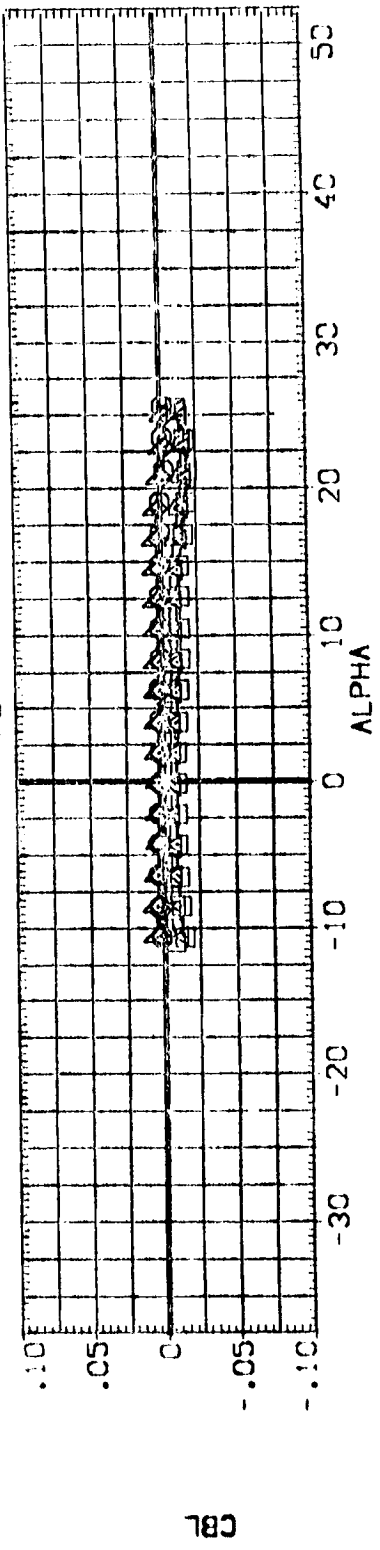
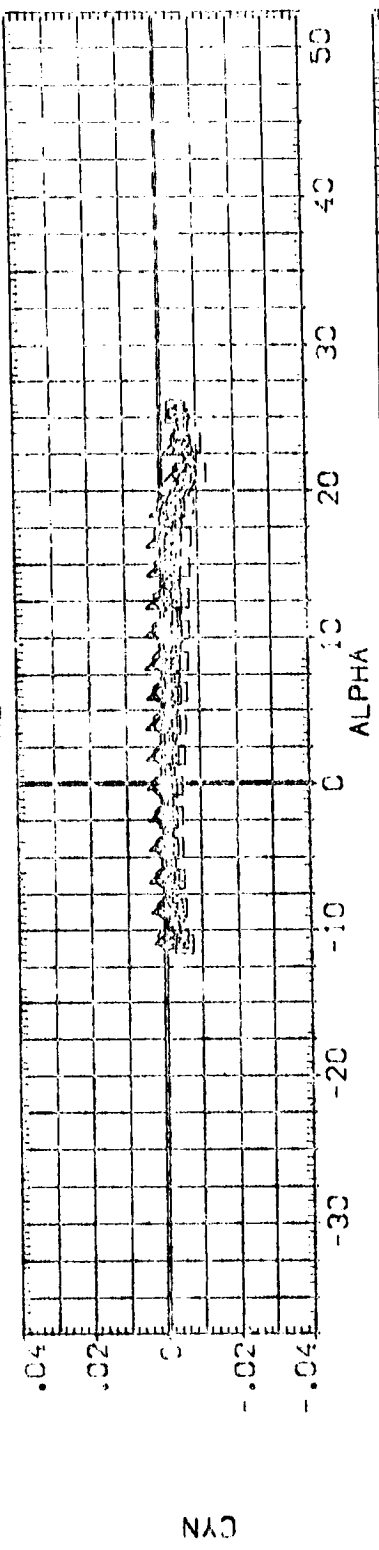
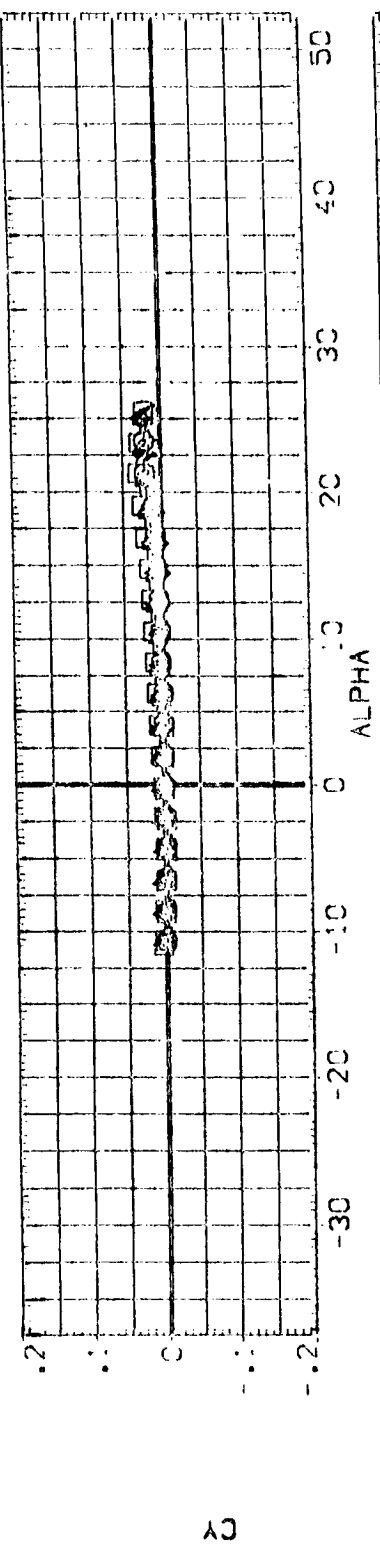


FIG 42 E55 OUTBOARD AILERON EFFECTIVENESS. EOTRIM=-10 DEG., EI=0, -10, -20 DEG
 (A)MACH = .25 PAGE 183

DATA SET SYMBOL CONFIGURATION DESCRIPTION

01193 86212F 10M16.28.127E55V8 R5 X9
 01193 86212F 10M16.28.127E55V8 R5 X9
 01193 86212F 10M16.28.127E55V8 R5 X9
 01193 86212F 10M16.28.127E55V8 R5 X9
 01193 86212F 10M16.28.127E55V8 R5 X9
 01193 86212F 10M16.28.127E55V8 R5 X9

ELV-L0 ELV-L1 ELV-R1 ELV-R0
 -10.000 .000 .000 -10.000
 -20.000 .000 .000 -10.000
 -10.000 -10.000 -10.000 -10.000
 -20.000 -10.000 -10.000 -10.000
 -10.000 -20.000 -20.000 -10.000
 -20.000 -10.000 -10.000 -20.000
 -10.000 -20.000 -20.000 -10.000
 -20.000 -10.000 -10.000 -20.000

REFERENCE INFORMATION
 SREF 2650.0100 50.000
 SREF 474.8100 10.000
 SREF 936.8000 10.000
 SREF 1076.8000 10.000
 SREF 375.0000 10.000
 SCALE 10.000

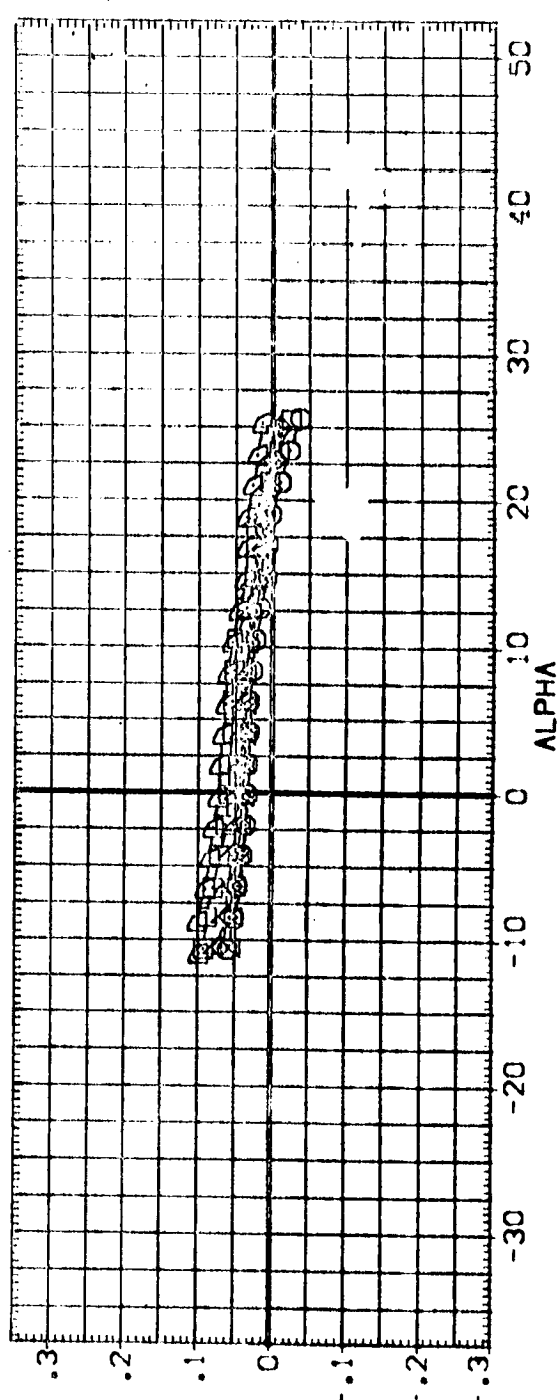
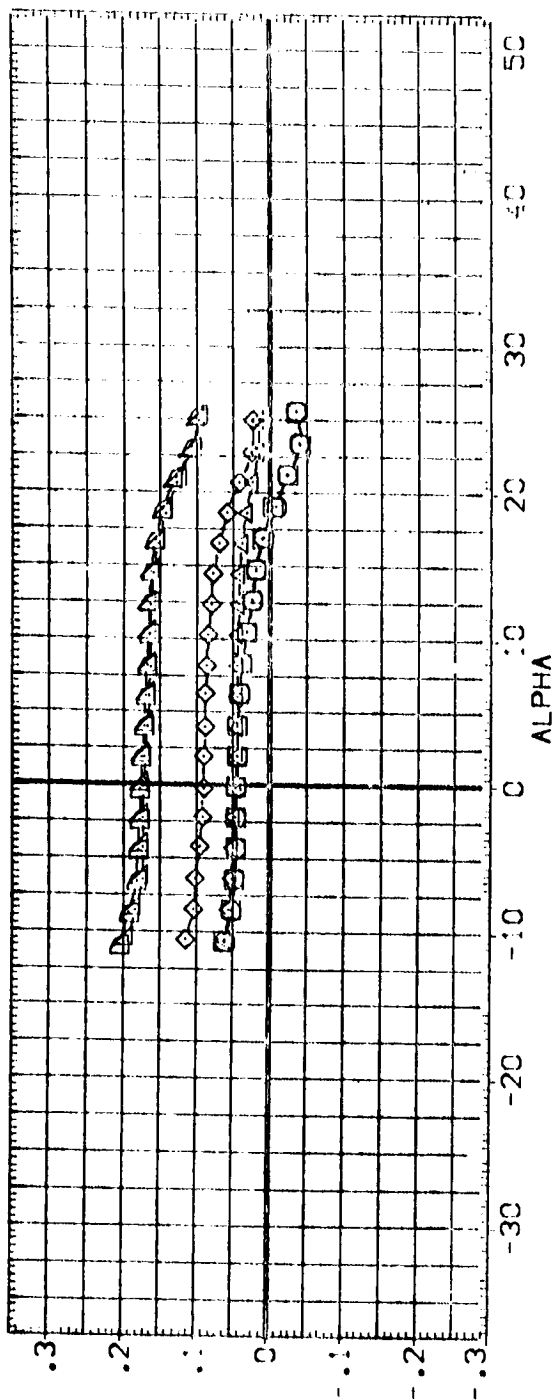


FIG 42 E55 OUTBOARDAILERON EFFECTIVENESS, EOTRIM=-10 DEG.,EI=0,-10,-20 DEG

(A)MACH = .26



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
2-9:73	C	01199 8620 12 10 16 28 1 27555.8 RS X9	-10.000	-5.000	-5.000	-10.000	SPCE 3990.2133
2-9:78	C	01199 8620 12 10 16 28 1 27555.8 RS X9	-20.000	-5.000	-5.000	-10.000	REF 151.8133
2-9:81	C	01199 8620 12 10 16 28 1 27555.8 RS X9	-5.000	-10.000	-10.000	-5.000	REF 936.1833
2-9:86	C	01199 8620 12 10 16 28 1 27555.8 RS X9	-15.000	-10.000	-10.000	-5.000	REF 1075.1833
							WASP 375.1033
							SCALE 1033

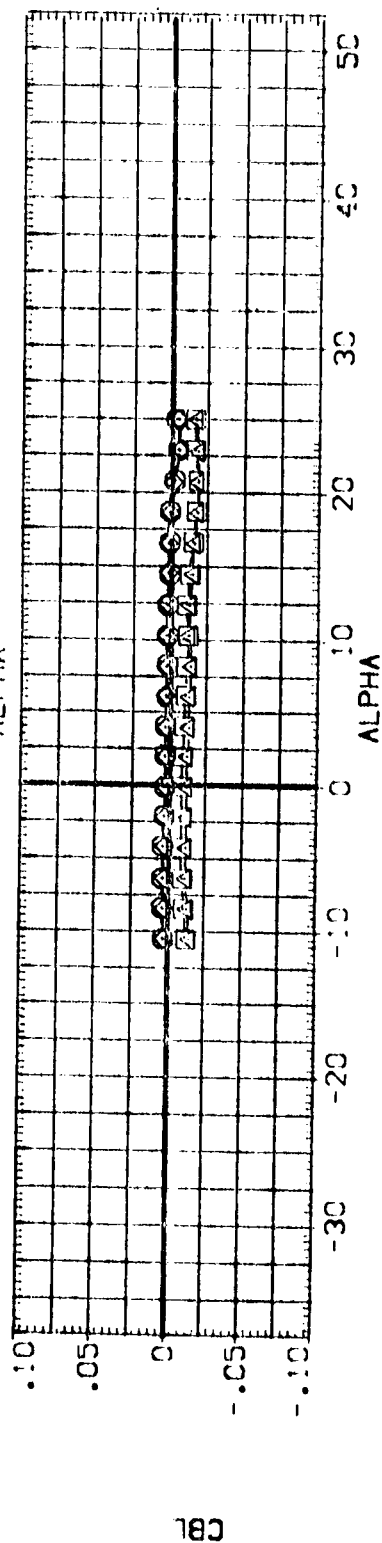
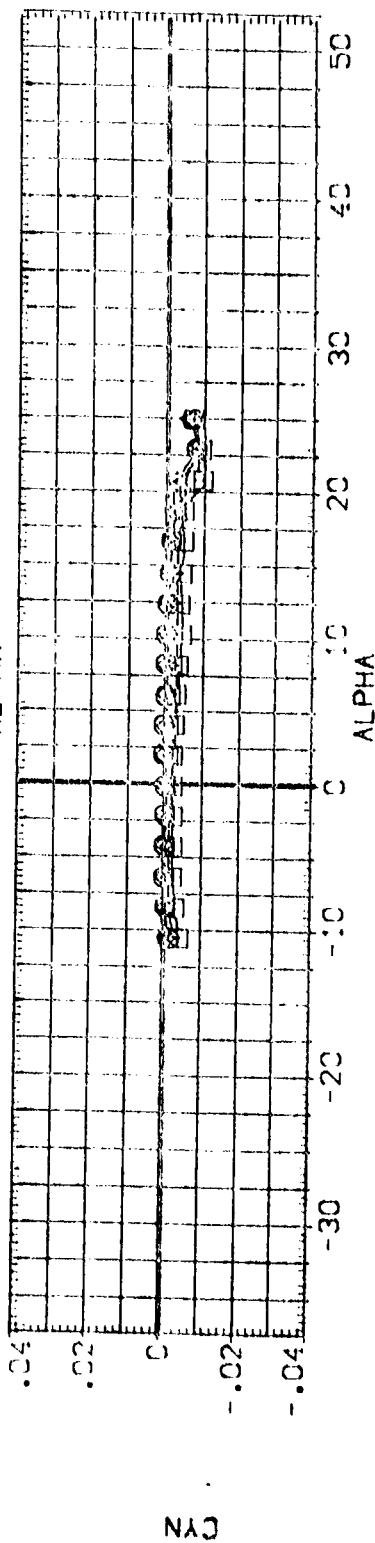
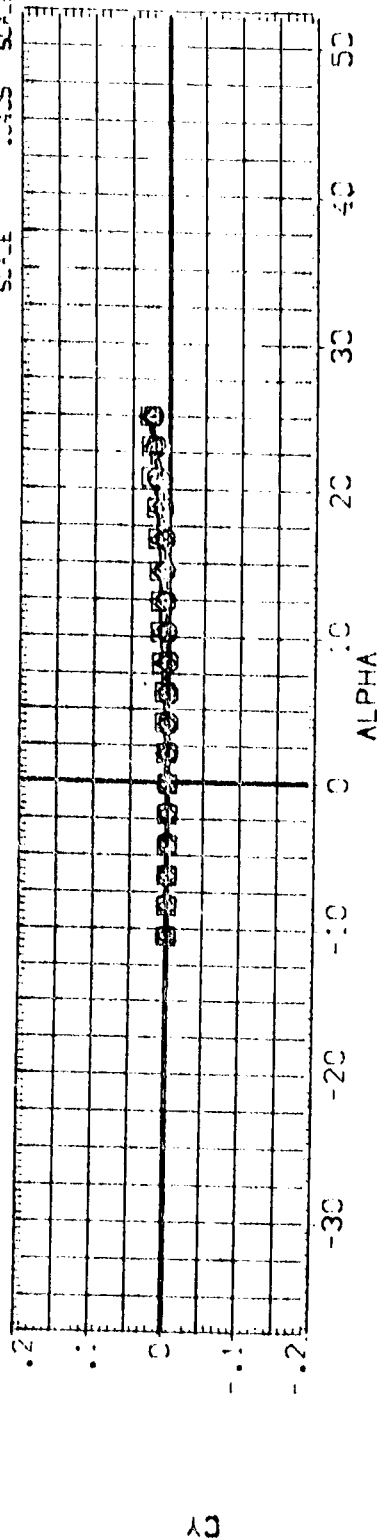


FIG 43 E55 OUTBOARDAILERON EFFECTIVENESS, EOTRIM=-5,-10 DEG., EI=-5,-10 DEG
 CARMACH = .20 PAGE :85

DATA SET SYMBO	CONFIGURATION DESCRIPTION	ELV-LQ	ELV-LI	ELV-RI	ELV-RO	REFERENCE INFORMATION
CA1193 8621 21	DM16.284 27E55.8 RS X9	-10.000	-5.000	-5.000	-10.000	SRF= 2650.0100
CA1193 8621 21	DM16.284 27E55.8 RS X9	-20.000	-5.000	-5.000	-10.000	SRF= 471.8100
CA1193 8621 21	DM16.284 27E55.8 RS X9	-5.000	-10.000	-10.000	-5.000	SRF= 936.8800
CA1193 8621 21	DM16.284 27E55.8 RS X9	-15.000	-10.000	-10.000	-5.000	SRF= 1716.8800
						SCALE 375.0000
						SCALE 50.0000

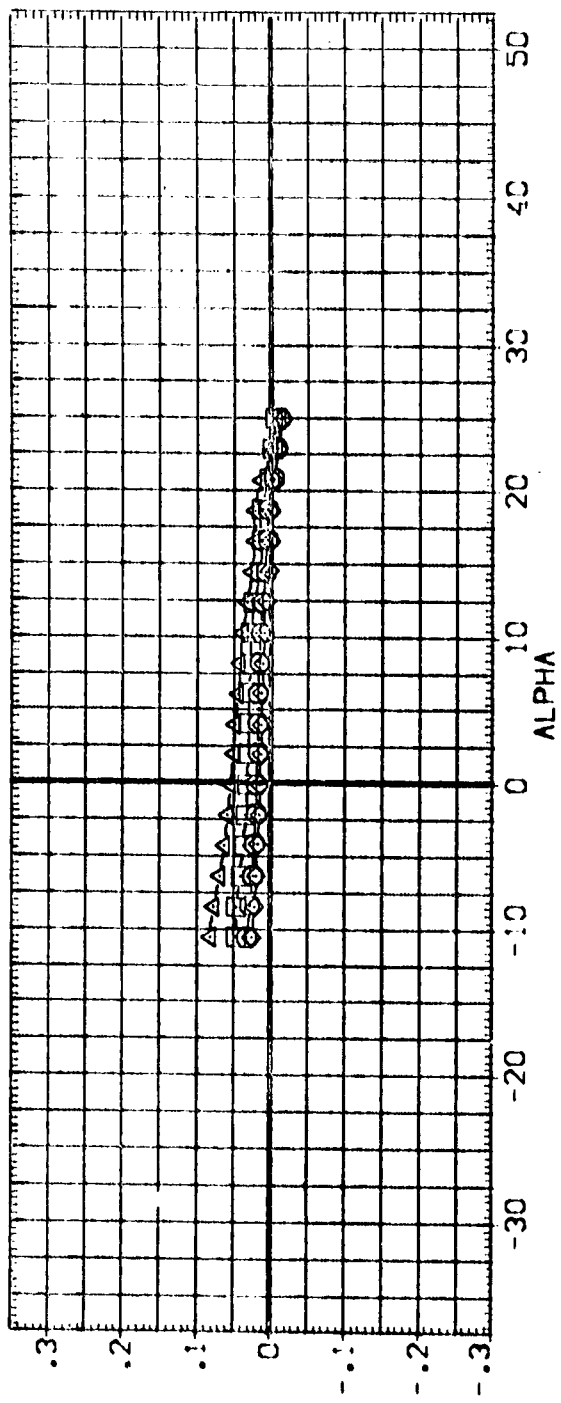
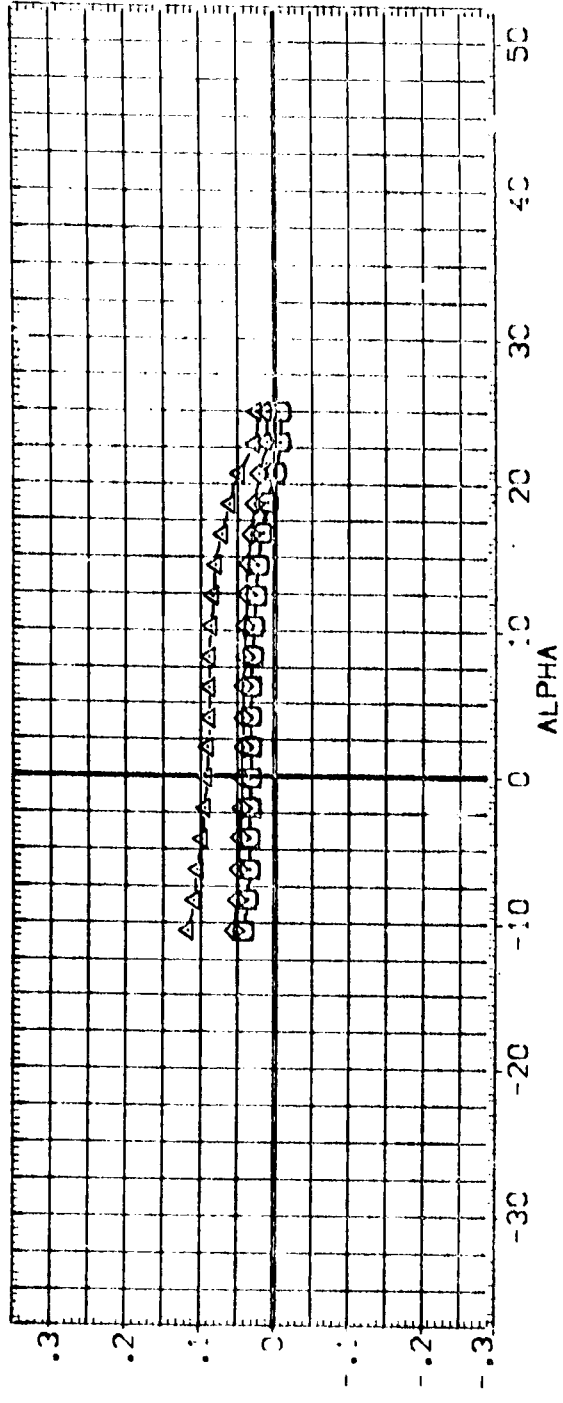


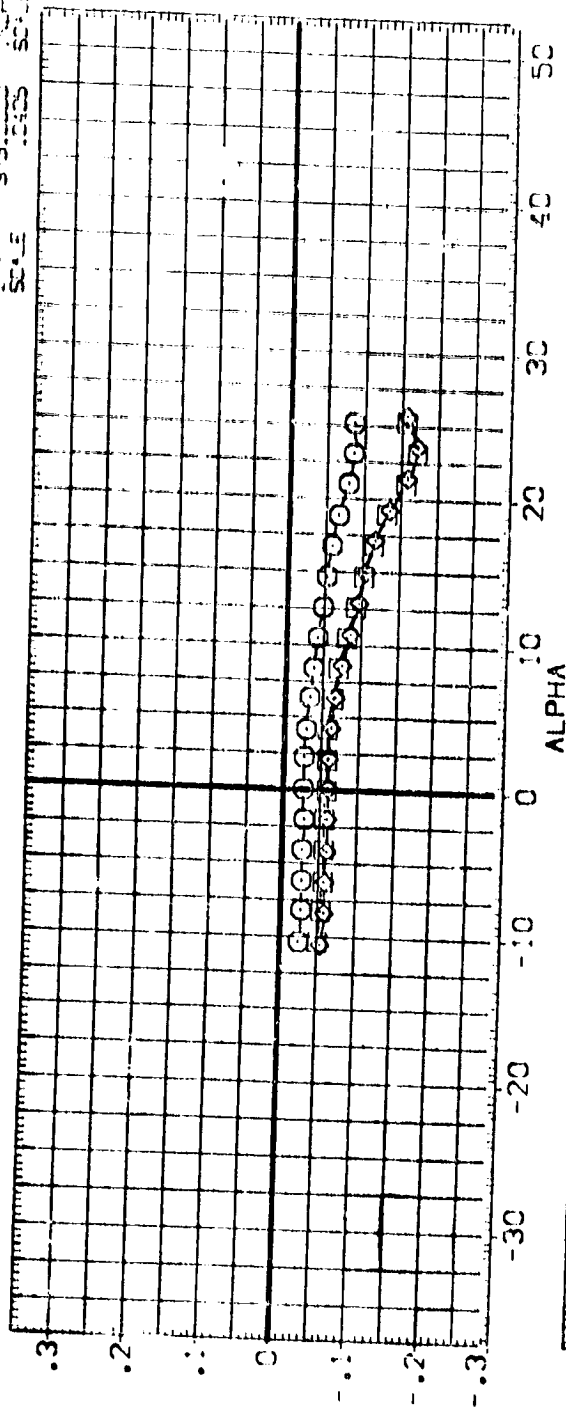
FIG 43 E55 OUTBOARDAILERON EFFECTIVENESS, EOTRIM=-5,-10 DEG., EI=-5,-10 DEG
 VACH = .20
 PAGE 188



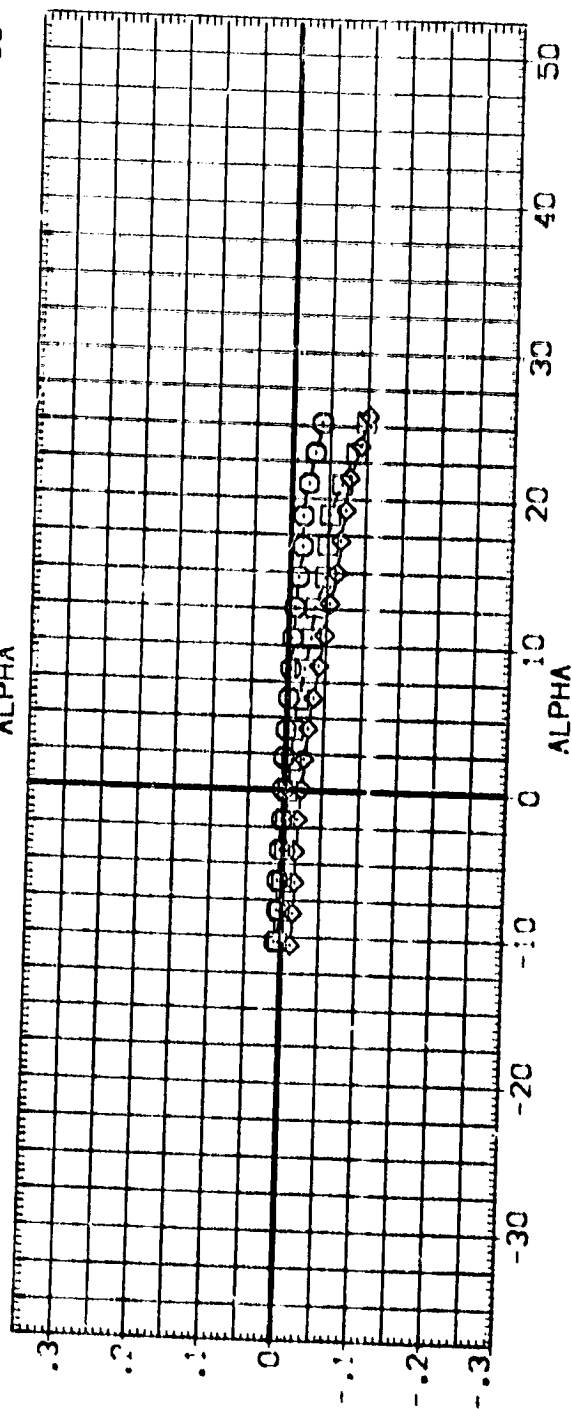
DATA SET SYMBOL CONFIGURATION DESCRIPTION
 [R:9:174] Q CA1199 B62C 2 10 16 28 127E55V8 R5 X9
 [R:9:109] Q CA1199 B62C 2 10 16 28 127E55V8 R5 X8
 [R:9:110] Q CA1199 B62C 2 10 16 28 127E55V8 R5 X9

ELV-10 ELV-11 ELV-12
 5.000 15.000 15.000
 10.000 15.000 15.000

REFERENCE INFORMATION
 ST: 2690 1113 51.9999999
 PR: 936 1113 51.9999999
 AVG: 1113 51.9999999
 SCALE 375.0000



CHME1



CHME0

FIG 45 E55 OUTBOARD AILERON EFFECTIVENESS, EOTRIM= 0 DEG., EI= 15 DEG.
 (A) "AC" = .20



DATA SET SYMBO	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
01193	8621210162812755.8 RS X9	0.000	10.000	10.000	10.000	2620.0100
01193	8621210162812755.8 RS X9	5.000	10.000	10.000	10.000	2620.0100
01193	8621210162812755.8 RS X9	10.000	10.000	10.000	10.000	2620.0100
01193	8621210162812755.8 RS X9	15.000	10.000	10.000	10.000	2620.0100
01193	8621210162812755.8 RS X9	20.000	10.000	10.000	10.000	2620.0100
01193	8621210162812755.8 RS X9	25.000	10.000	10.000	10.000	2620.0100
01193	8621210162812755.8 RS X9	30.000	10.000	10.000	10.000	2620.0100
01193	8621210162812755.8 RS X9	35.000	10.000	10.000	10.000	2620.0100
01193	8621210162812755.8 RS X9	40.000	10.000	10.000	10.000	2620.0100
01193	8621210162812755.8 RS X9	45.000	10.000	10.000	10.000	2620.0100
01193	8621210162812755.8 RS X9	50.000	10.000	10.000	10.000	2620.0100

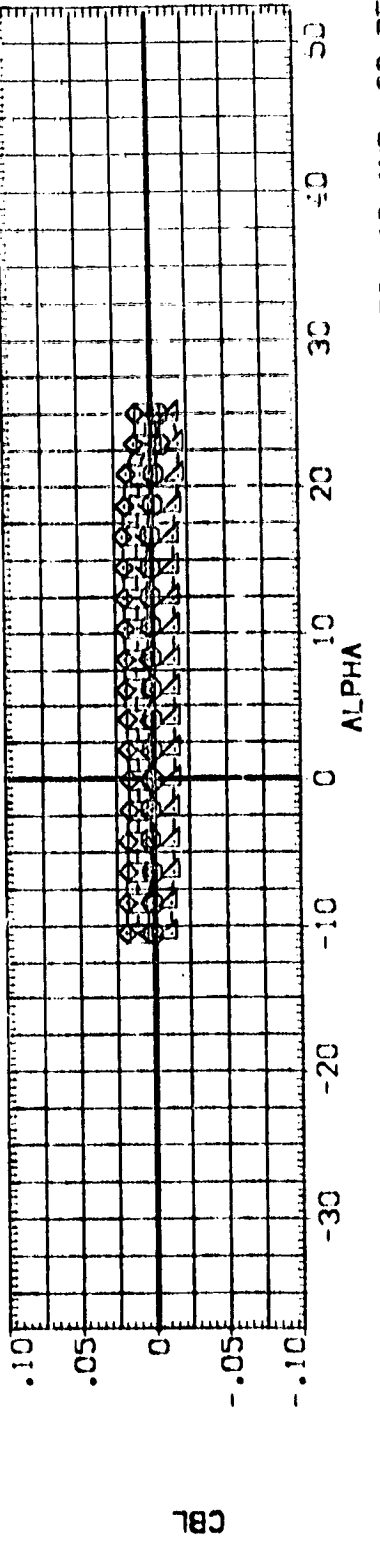
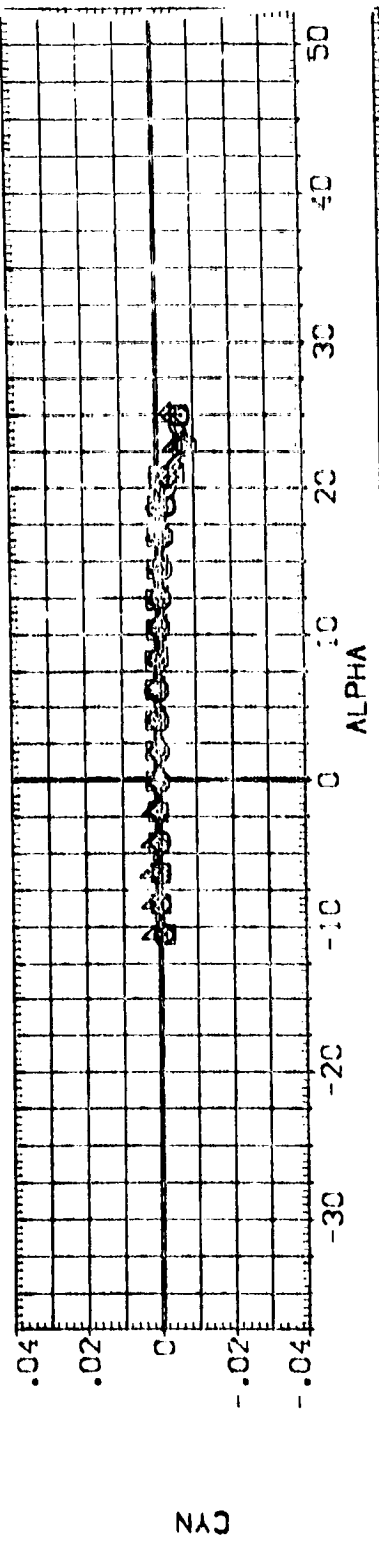
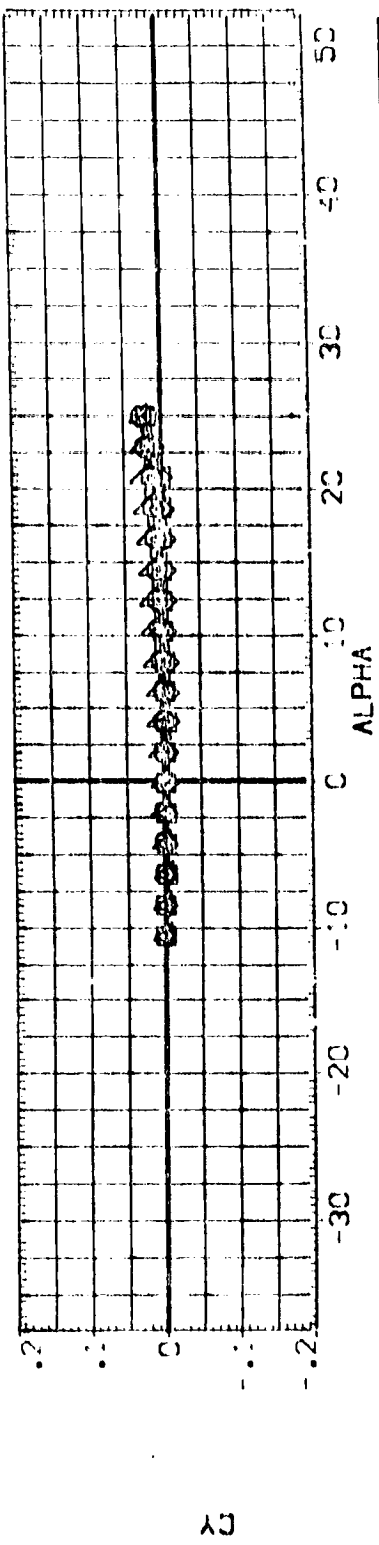


FIG 46 E55 OUTBOARDAILERON EFFECTIVENESS, EOTRIM= 0 DEG., EI=-10 AND -20 DEG
 (A)MACH = .20 PAGE 19:

DATA SET SYMB.	CONFID-RATION	DESCRIPTION	ELEV-LO	ELEV-HI	ELEV-RO	REFERENCE INFORMATION
01193 8620 21	01193 8620 21	01193 8620 21	0.000	-10.000	0.000	2690.0100
01193 8620 22	01193 8620 22	01193 8620 22	5.000	-10.000	5.000	2690.0100
01193 8620 23	01193 8620 23	01193 8620 23	10.000	-10.000	10.000	2690.0100
01193 8620 24	01193 8620 24	01193 8620 24	-10.000	-10.000	-10.000	2690.0100
01193 8620 25	01193 8620 25	01193 8620 25	-10.000	-10.000	-10.000	2690.0100
01193 8620 26	01193 8620 26	01193 8620 26	-10.000	-10.000	-10.000	2690.0100
01193 8620 27	01193 8620 27	01193 8620 27	-10.000	-10.000	-10.000	2690.0100
01193 8620 28	01193 8620 28	01193 8620 28	-10.000	-10.000	-10.000	2690.0100
01193 8620 29	01193 8620 29	01193 8620 29	-10.000	-10.000	-10.000	2690.0100
01193 8620 30	01193 8620 30	01193 8620 30	-10.000	-10.000	-10.000	2690.0100
01193 8620 31	01193 8620 31	01193 8620 31	-10.000	-10.000	-10.000	2690.0100
01193 8620 32	01193 8620 32	01193 8620 32	-10.000	-10.000	-10.000	2690.0100
01193 8620 33	01193 8620 33	01193 8620 33	-10.000	-10.000	-10.000	2690.0100
01193 8620 34	01193 8620 34	01193 8620 34	-10.000	-10.000	-10.000	2690.0100
01193 8620 35	01193 8620 35	01193 8620 35	-10.000	-10.000	-10.000	2690.0100
01193 8620 36	01193 8620 36	01193 8620 36	-10.000	-10.000	-10.000	2690.0100
01193 8620 37	01193 8620 37	01193 8620 37	-10.000	-10.000	-10.000	2690.0100
01193 8620 38	01193 8620 38	01193 8620 38	-10.000	-10.000	-10.000	2690.0100
01193 8620 39	01193 8620 39	01193 8620 39	-10.000	-10.000	-10.000	2690.0100
01193 8620 40	01193 8620 40	01193 8620 40	-10.000	-10.000	-10.000	2690.0100
01193 8620 41	01193 8620 41	01193 8620 41	-10.000	-10.000	-10.000	2690.0100
01193 8620 42	01193 8620 42	01193 8620 42	-10.000	-10.000	-10.000	2690.0100
01193 8620 43	01193 8620 43	01193 8620 43	-10.000	-10.000	-10.000	2690.0100
01193 8620 44	01193 8620 44	01193 8620 44	-10.000	-10.000	-10.000	2690.0100
01193 8620 45	01193 8620 45	01193 8620 45	-10.000	-10.000	-10.000	2690.0100
01193 8620 46	01193 8620 46	01193 8620 46	-10.000	-10.000	-10.000	2690.0100
01193 8620 47	01193 8620 47	01193 8620 47	-10.000	-10.000	-10.000	2690.0100
01193 8620 48	01193 8620 48	01193 8620 48	-10.000	-10.000	-10.000	2690.0100
01193 8620 49	01193 8620 49	01193 8620 49	-10.000	-10.000	-10.000	2690.0100
01193 8620 50	01193 8620 50	01193 8620 50	-10.000	-10.000	-10.000	2690.0100

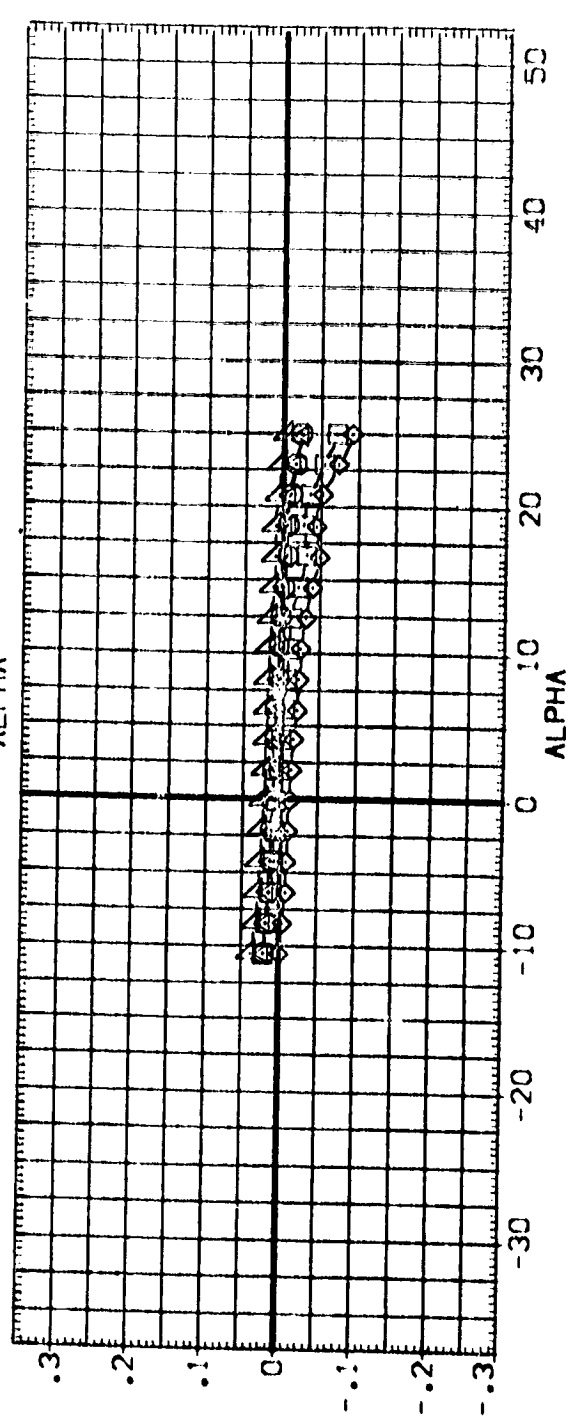
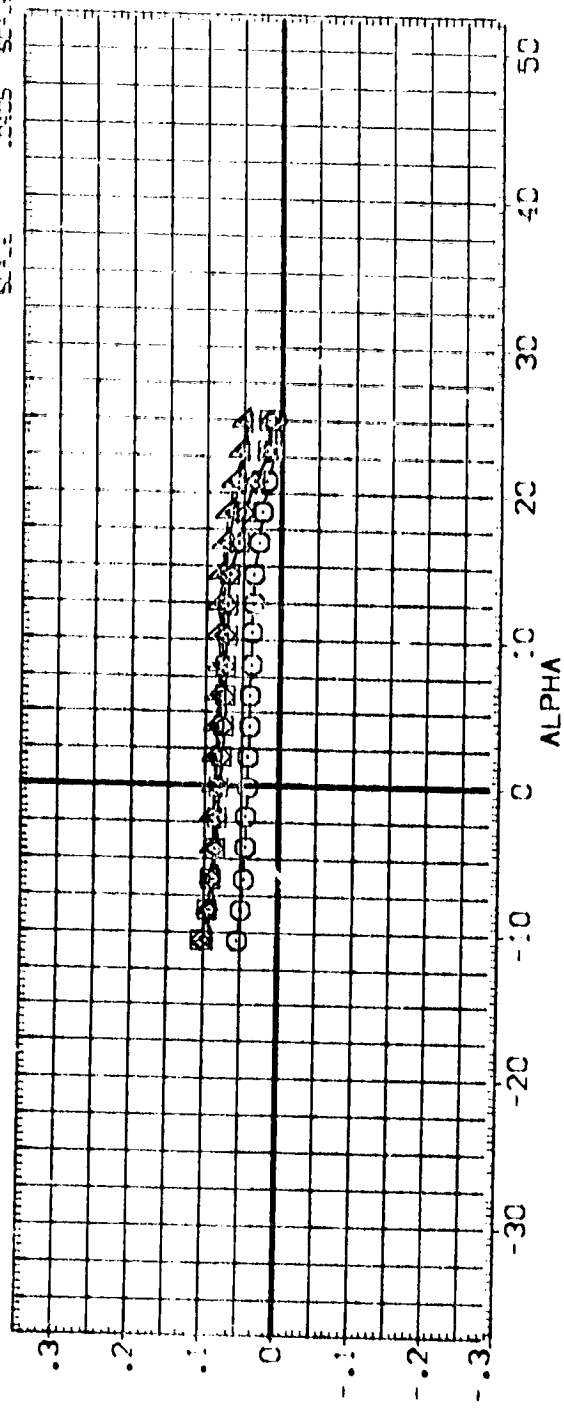


FIG 46 E55 OUTBOARDAILERON EFFECTIVENESS. EOTRIM= 0 DEG., EI=-10 AND -20 DEG
 (A)MAC- = .20



DATA SET SYMBOL CONFIGURATION DESCRIPTION

069103	0A1193	862C12	101628	27E55.8	R5 X9
069151	0A1193	862C12	101628	27E55.8	R5 X9
069155	0A1193	862C12	101628	27E55.8	R5 X9
069159	0A1193	862C12	101628	27E55.8	R5 X9
069163	0A1193	862C12	101628	27E55.8	R5 X9

REFERENCE INFORMATION

ELV-L0	ELV-L1	ELV-R1	ELV-R0	SPR	REF	REF	REF
5.000	10.000	10.000	5.000	1000.000	1000.000	1000.000	1000.000
-5.000	10.000	10.000	5.000	1000.000	1000.000	1000.000	1000.000
10.000	10.000	10.000	5.000	1000.000	1000.000	1000.000	1000.000
15.000	10.000	10.000	5.000	1000.000	1000.000	1000.000	1000.000
SCALE	SCALE	SCALE	SCALE	SCALE	SCALE	SCALE	SCALE
1000	1000	1000	1000	1000	1000	1000	1000

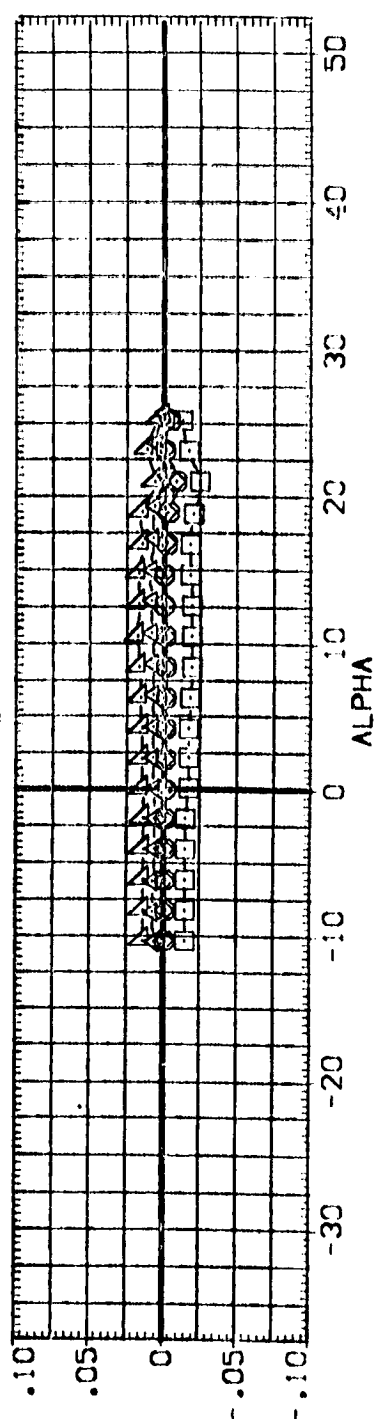
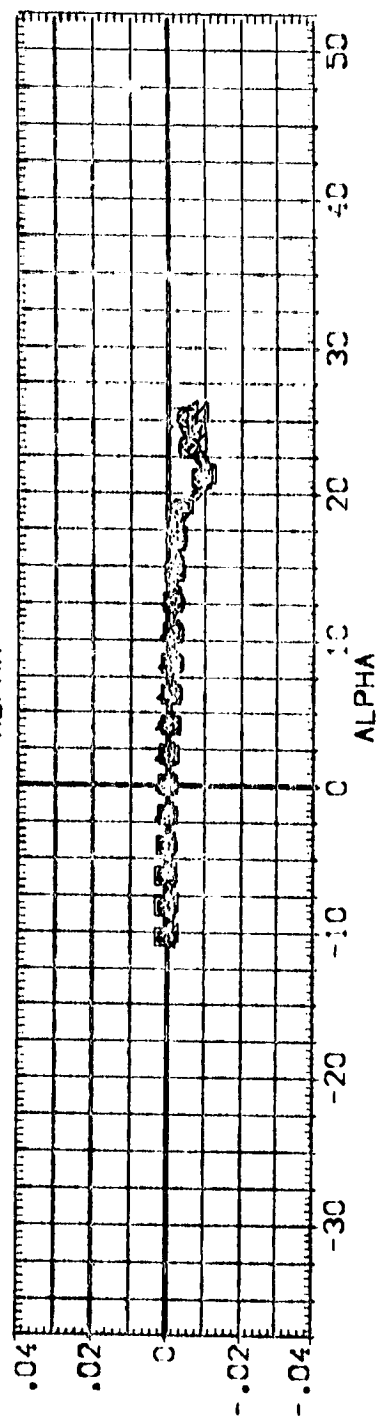
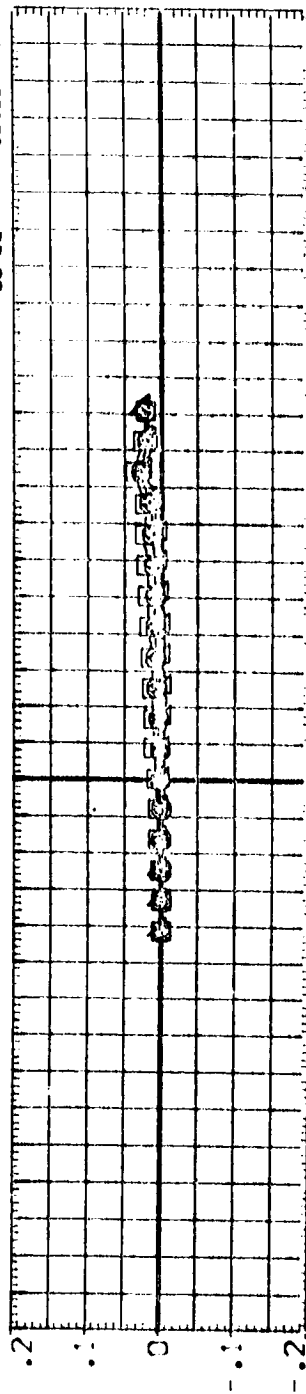


FIG 47 E55 OUTBOARDAILERON EFFECTIVENESS, EOTRIM= 5 DEG EI= 10 AND 15 DEG.

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
[#9103]	○	QAI193 862C12F 10M16N28.1 27E55V8 RS X9	5.000	10.000	10.000	5.000	285.010
[#9151]	×	QAI193 862C12F 10M16N28.1 27E55V8 RS X9	-5.000	10.000	10.000	-5.000	285.010
[#9105]	×	QAI193 862C12F 10M16N28.1 27E55V8 RS X9	5.000	10.000	10.000	5.000	285.010
[#9111]	×	QAI193 862C12F 10M16N28.1 27E55V8 RS X9	10.000	10.000	10.000	10.000	285.010
[#9108]	×	QAI193 862C12F 10M16N28.1 27E55V8 RS X9	10.000	10.000	10.000	10.000	285.010

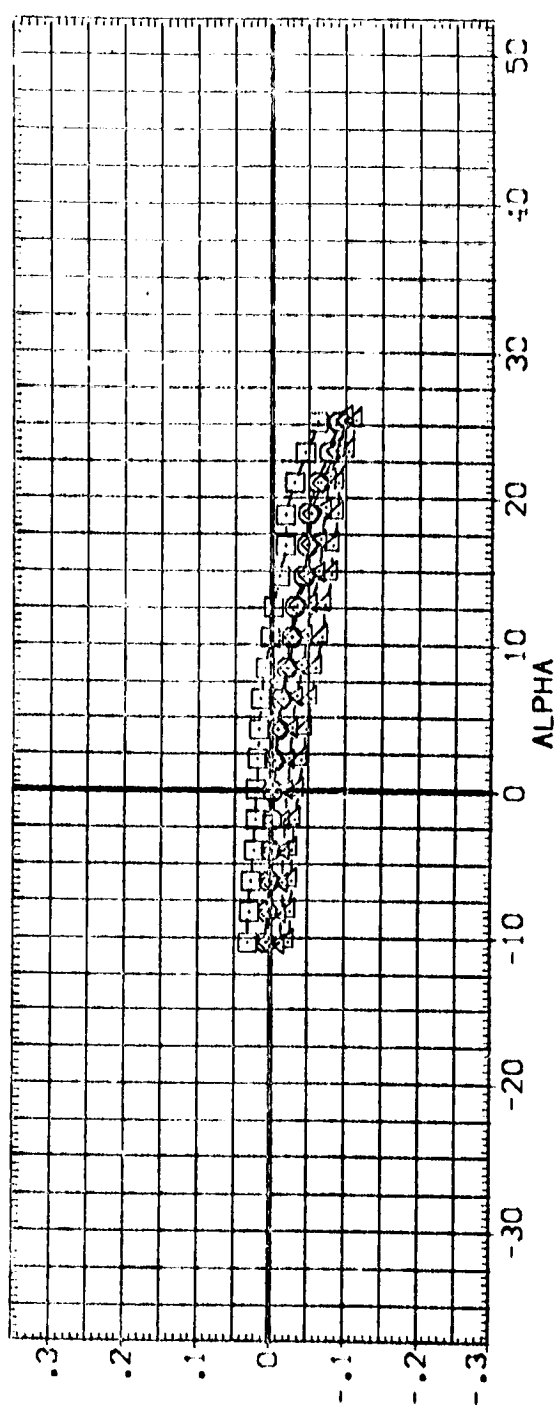
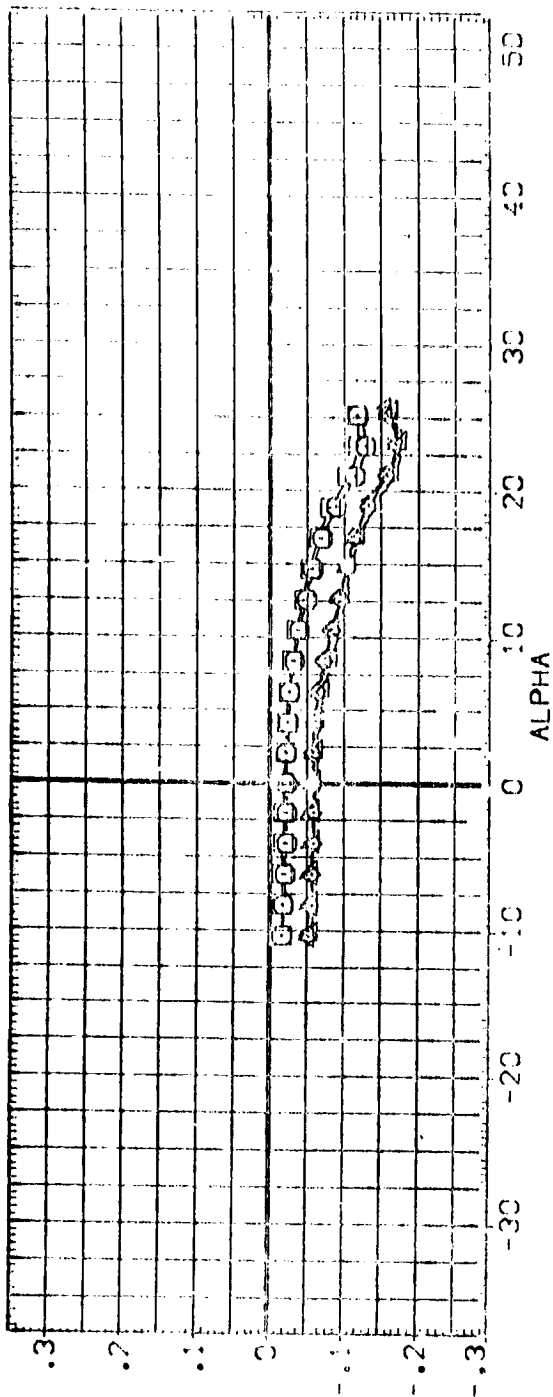


FIG 47 E55 OUTBOARDAILERON EFFECTIVENESS, EOTRIM= 5 DEG EI= 10 AND 15 DEG.

CADMACH = .26



DATA SET SYMBO.	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REFERENCE INFORMATION
01199	350126 107162812725558 RS X9	10.0000	10.0000	10.0000	10.0000	Scale
01199	350126 107162812725558 RS X9	10.0000	10.0000	10.0000	10.0000	Scale
01199	350126 107162812725558 RS X9	10.0000	10.0000	10.0000	10.0000	Scale
01199	350126 107162812725558 RS X9	10.0000	10.0000	10.0000	10.0000	Scale
01199	350126 107162812725558 RS X9	10.0000	10.0000	10.0000	10.0000	Scale
01199	350126 107162812725558 RS X9	10.0000	10.0000	10.0000	10.0000	Scale
01199	350126 107162812725558 RS X9	10.0000	10.0000	10.0000	10.0000	Scale
01199	350126 107162812725558 RS X9	10.0000	10.0000	10.0000	10.0000	Scale
01199	350126 107162812725558 RS X9	10.0000	10.0000	10.0000	10.0000	Scale
01199	350126 107162812725558 RS X9	10.0000	10.0000	10.0000	10.0000	Scale

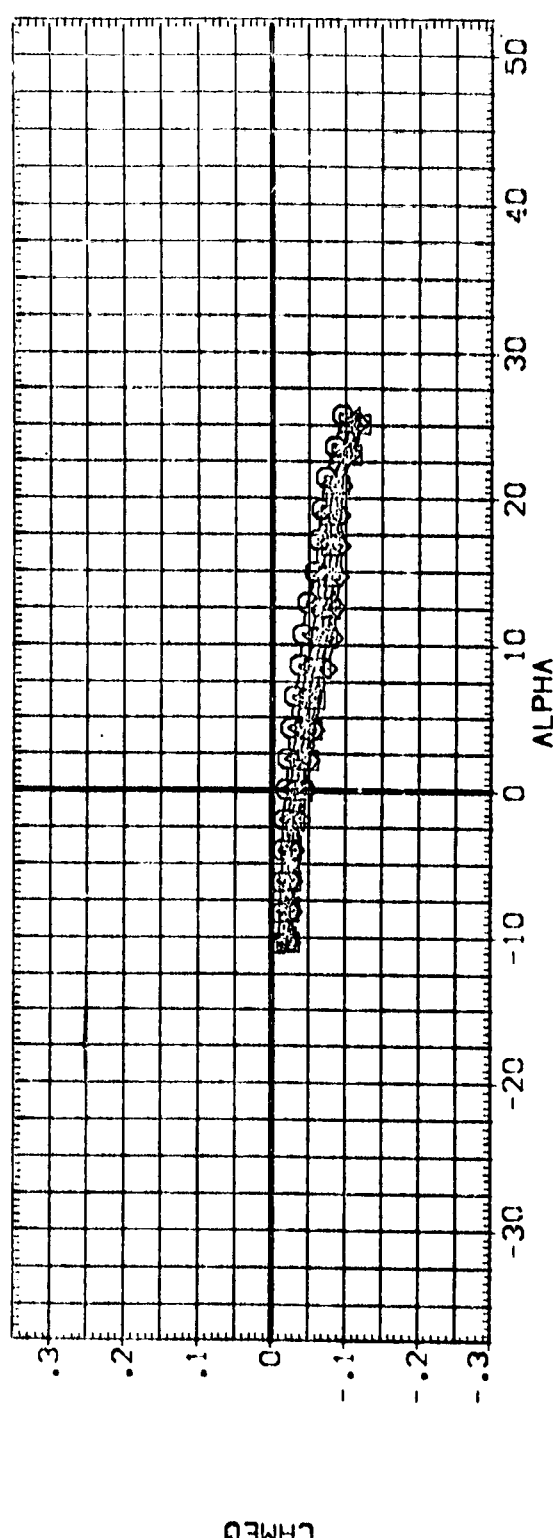
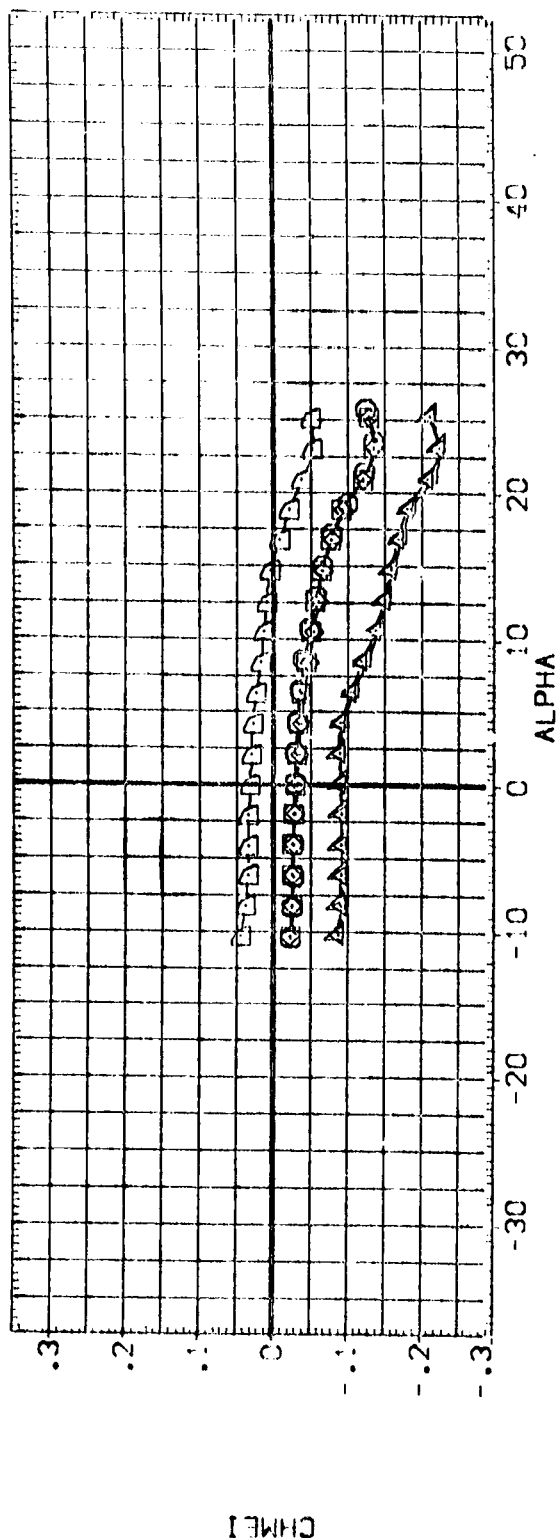


FIG 48 E55 OUTBOARDAILERON EFFECTIVENESS, EOTRIM= 10 DEG, EI=10 AND 20 DEG.

(A)MACH = .26



DATA SET SYMBOL CONFIGURATION DESCRIPTION REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-L0	ELV-L1	ELV-R1	ELV-R0	REF	SCALE
[R9] 47	0A1193 B62C12F10M16N28M127E55V8 R5 X9	10.000	20.000	20.000	10.000	2680.0100	50.00
[R9] 44	0A1193 B62C12F10M16N28M127E55V8 R5 X9	.000	20.000	20.000	20.000	474.6100	10.00
[R9] 94	0A1193 B62C12F10M16N28M127E55V8 R5 X9	.000	5.000	5.000	20.000	925.8800	10.00
						1076.8800	10.00
						375.0000	10.00
						375.0000	10.00

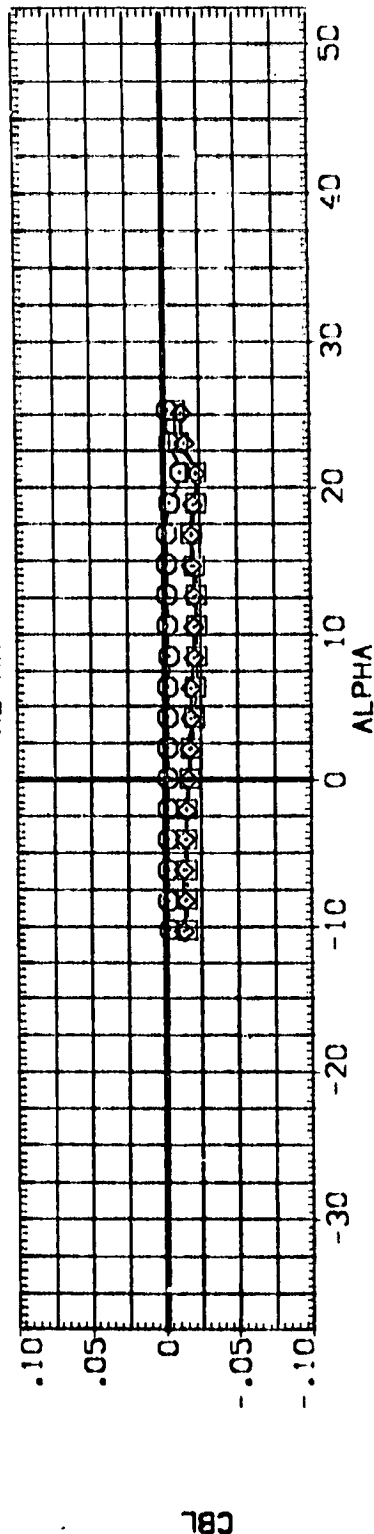
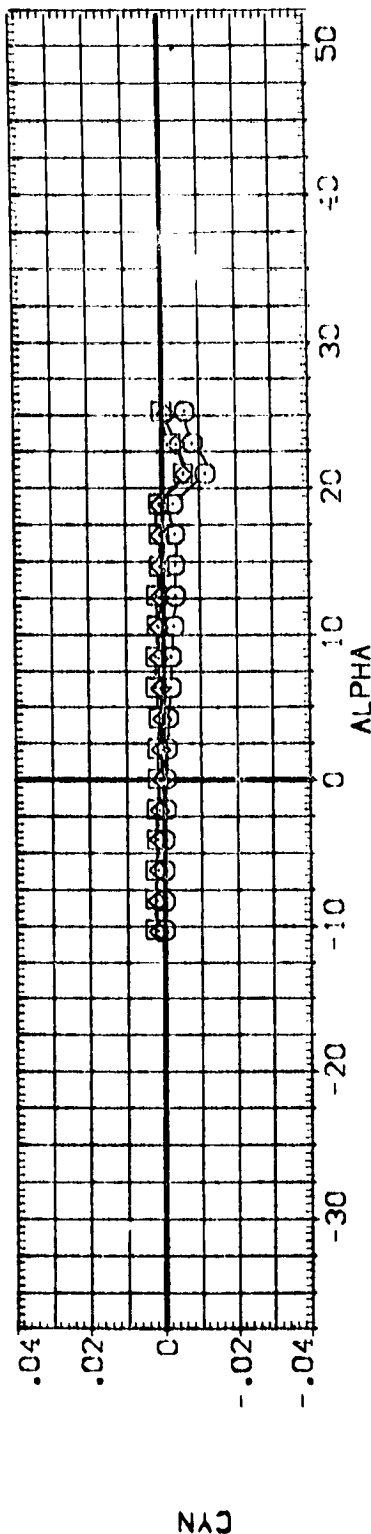
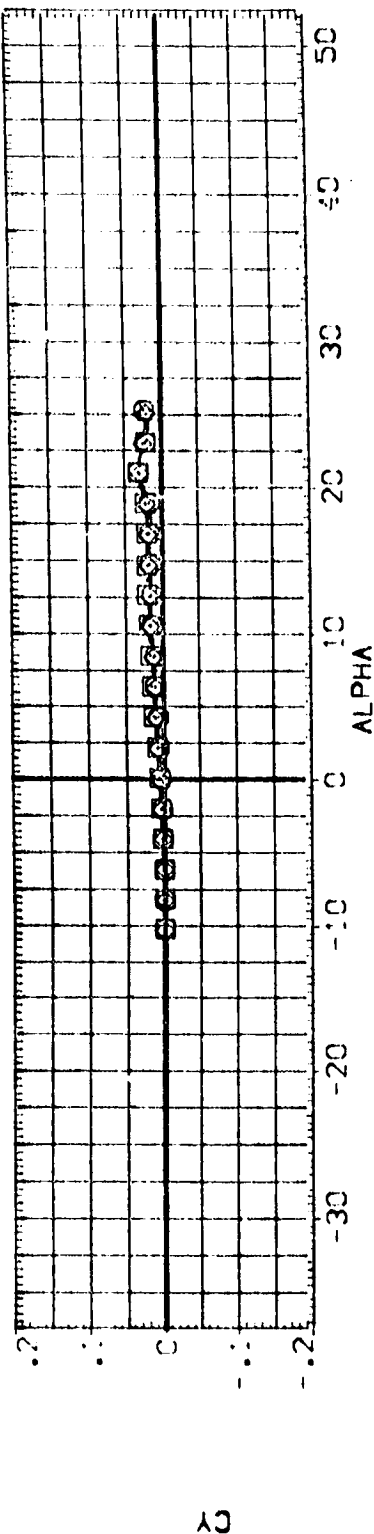
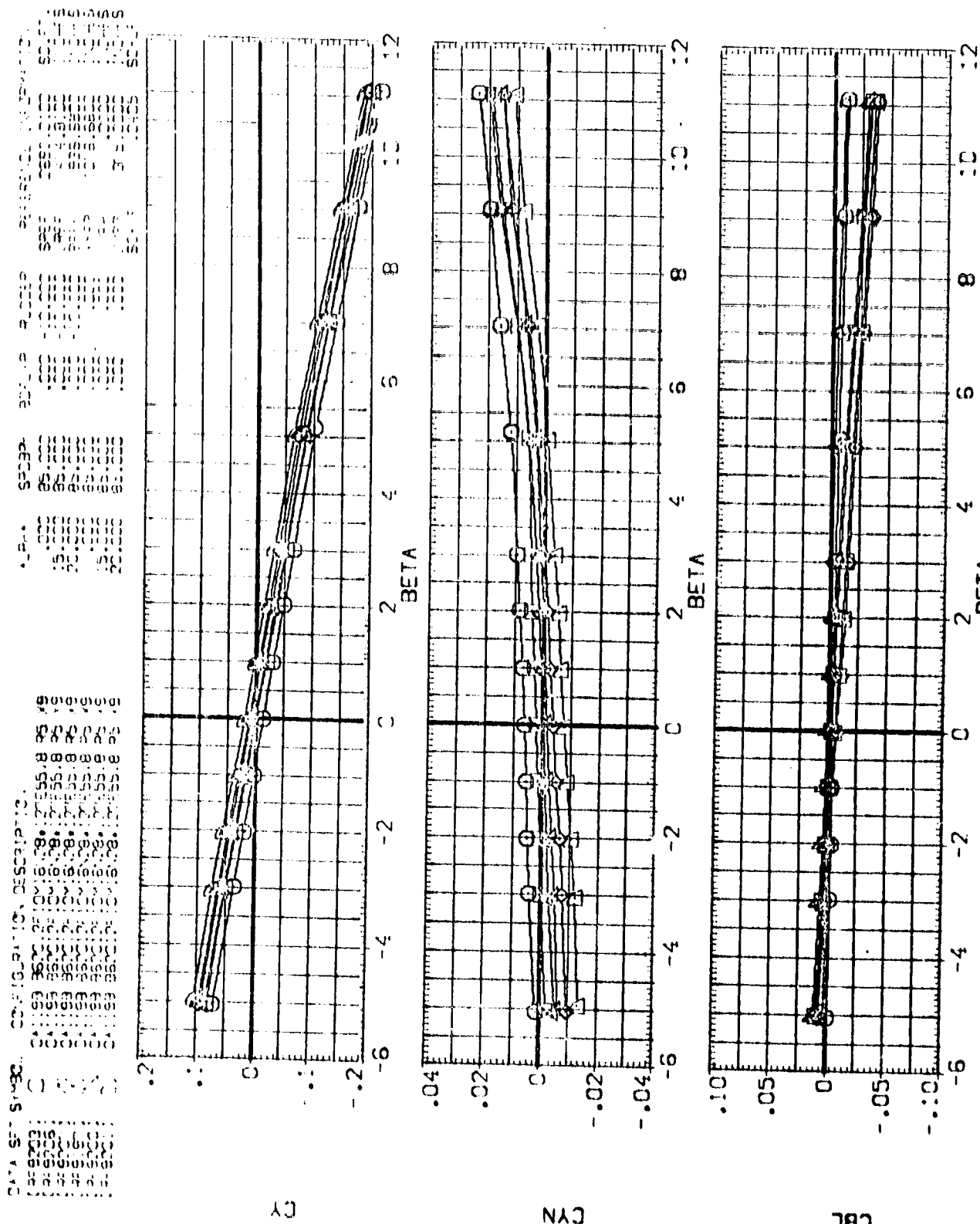


FIG 49 E55 OUTBOARD AIRLON EFFECTIVENESS, EOTRIM= 10 DEG, EI= 5 AND 20 DEG.

CAMAC- = .20



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BETA	REFERENCE IN DEGREE
011193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
021193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
031193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
041193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
051193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
061193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
071193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
081193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
091193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
101193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
111193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
121193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
131193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
141193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
151193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
161193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
171193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
181193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
191193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000
201193	362C12 1016.28.127355.8	0.00000000	0.00000000	0.00000000

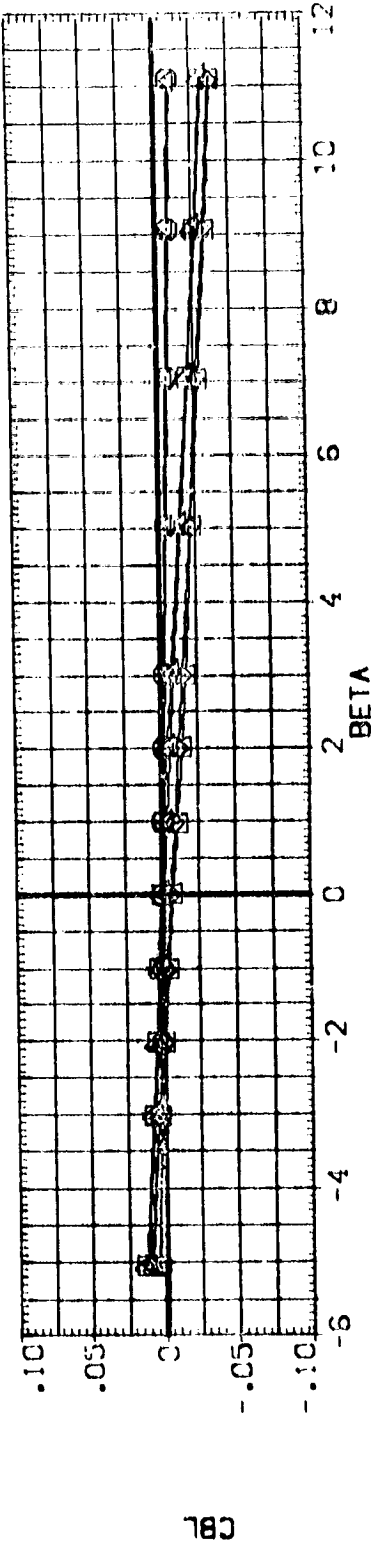
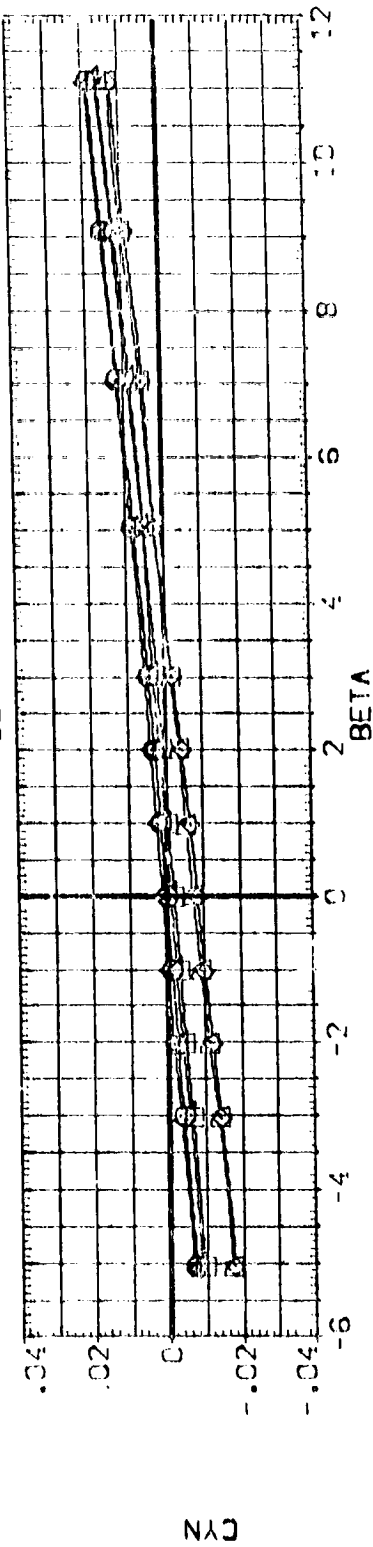
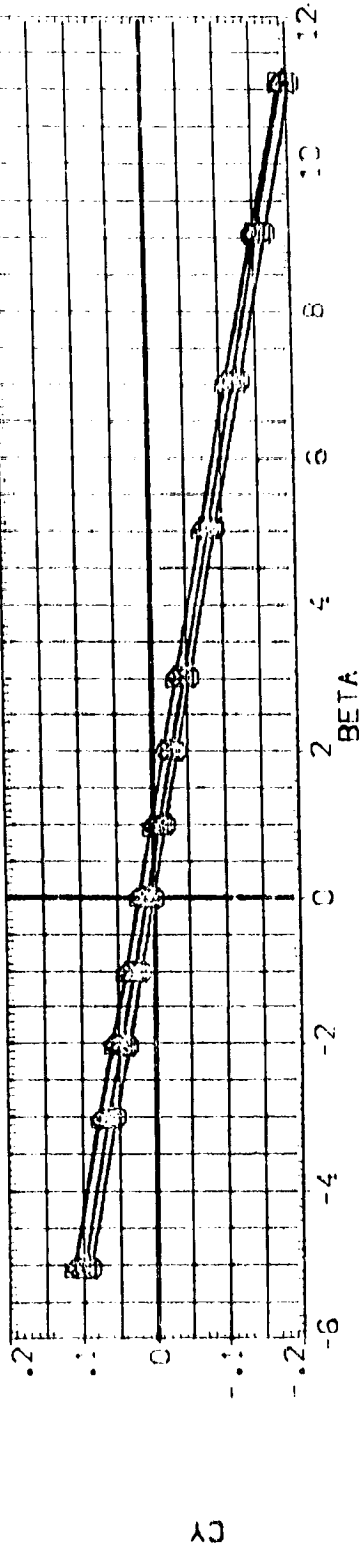


FIG 57 EFFECT OF DUAL PANEL RUD. GAPS ON LAT. DIRECT. CHAR., ALPHA=0,15,20
 (A)MAC- = .20

APPENDIX
TABULATED SOURCE DATA

Tabulations of plotted data are available on request from
Data Management Services.

0A1198 862C18710M16N20W127E35V8 R5 X9

(RF9001) (18 NOV 74)

REFERENCE DATA

SREF = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
SREF = 936.6900 INCHES ZMRP = 371.0000 INCHES
SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 SCFLAP = .000
ELV-LO = .000 ELV-LI = .000
ELV-RI = .000 ELV-RO = .000
RUDDER = .000 SPDERK = 25.000

RUN NO. 1/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CNMEI	CNMEQ	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-10.600	.03980	.03290	.03190	-.53010	-.01706	-.00020	.00060	.00000	.67400	.04183
.260	-8.480	.04550	.02900	.02900	-.42550	-.00344	-.00010	.00050	.00000	.67700	.04162
.260	-6.360	.04150	.02480	.02700	-.32810	.01008	.00000	.00040	.00000	.68200	.04128
.260	-4.220	.04040	.02140	.02640	-.22920	.02025	.00000	.00030	.00000	.69400	.04057
.260	-2.140	.03950	.01880	.02600	-.13350	.02613	.00020	.00030	.00000	.72300	.04002
.260	-.030	.03810	.01680	.02580	-.04040	.02881	.00010	.00020	.00000	.88700	.03929
.260	2.090	.03700	.01500	.02580	.05670	.02654	.00000	.00010	.00000	.48400	.03854
.260	4.200	.03580	.01290	.02600	.15190	.02077	-.00010	.00000	.00100	.58900	.03736
.260	6.340	.03310	.00970	.02540	.25090	.01081	-.00020	.00000	.00200	.61400	.03697
.260	8.440	.02800	.00540	.02440	.35050	-.00263	-.00060	-.00010	.00300	.62600	.03582
.260	10.570	.02340	.00090	.02640	.44810	-.01761	-.00080	.00000	.00400	.63000	.03700
.260	12.690	.01920	-.00400	.02860	.54850	-.03367	-.00130	-.00030	.00700	.63500	.03863
.260	14.830	.01410	-.01240	.02810	.65790	-.05043	-.00120	-.00060	.00700	.63600	.04083
.260	16.990	.00400	-.01930	.02100	.78790	-.06868	-.00130	-.00140	.00900	.64200	.04431
.260	19.170	-.01010	-.02210	.01560	.91530	-.08375	-.00260	-.00260	.01400	.64600	.04723
.260	21.290	-.02110	-.02960	.01480	1.02700	-.09601	-.00430	-.00470	.01800	.64600	.04953
.260	23.460	-.04240	-.04180	.01140	1.14240	-.09971	-.00590	-.00440	.02000	.64800	.05331
.260	25.610	-.04130	-.05420	-.00170	1.28360	-.10966	-.00600	-.00560	.02600	.65200	.05845
GRADIENT		-.00056	-.00099	-.00005	.04530	.00007	-.00002	-.00004	.00010	-.02135	-.00038

DATE 01 MAR 73

TABULATED SOURCE DATA - 0A1198

PAGE 2

0A1195 868C12F10M16N20M127E55V8 R5 X9

(RFS00, (18 NOV 74)

REFERENCE DATA

SREF = 2690.0100 SQ.FT. XREF = 1076.6800 INCHES
 LREF = 474.8100 INCHES YREF = .0000 INCHES
 BREF = 936.6800 INCHES ZREF = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = .000 SPFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 23.000

RUN NO. 2/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

4ACH	SETA	CHMEI	CHMEG	CLW	CN	CAF	CYN	CBL	CY	KCP/L	CAS
.000	-3.090	.04330	.01700	.02010	-.02960	.02412	-.00670	.00440	.08800	.00100	.04155
.050	-3.020	.04130	.01690	.02330	-.03360	.02755	-.00360	.00260	.09200	.00500	.04028
.100	-2.950	.04040	.01690	.02460	-.03630	.02802	-.00240	.00180	.09500	.00100	.04002
.150	-2.880	.03940	.01670	.02550	-.03770	.02826	-.00110	.00100	.09700	.00100	.03982
.200	-2.810	.03840	.01670	.02590	-.03890	.02898	.00010	.00030	.09900	.00000	.03869
.250	-2.740	.03740	.01660	.02580	-.03820	.02844	.00140	-.00040	.10100	.00000	.03830
.300	-2.670	.03630	.01660	.02530	-.03850	.02823	.00290	-.00100	.10300	.00000	.03791
.350	-2.600	.03530	.01660	.02410	-.03730	.02739	.00410	-.00190	.10500	.00000	.03753
.400	-2.530	.03420	.01650	.02130	-.03360	.02406	.00720	-.00360	.10700	.00000	.03651
.450	-2.460	.03310	.01650	.01720	-.02890	.01993	.01010	-.00330	.10900	.00000	.03415
.500	-2.390	.03210	.01650	.01300	-.02430	.01500	.01370	-.00710	.11100	.00000	.03121
.550	-2.320	.03100	.01640	.00790	-.01610	.00935	.01710	-.00960	.11300	.00000	.02771
.600	-2.250	.02990	.01640	.00013	-.00046	-.00001	.00134	-.00077	.11500	.00000	.02220
.650	-2.180	.02880	.01630	.00013	-.00046	-.00001	.00134	-.00077	.11700	.00000	.01753
.700	-2.110	.02770	.01630	.00013	-.00046	-.00001	.00134	-.00077	.11900	.00000	.01280

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TABULATED SOURCE DATA - 0A1195

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0A1195 562C12F10M16A28M12VE53V0 R5 X9

(RF9003) (18 NOV 74)

REFERENCE DATA

SREF = 2695.5100 SQ.FT. XMRP = 1576.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 PREF = 636.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 5.000 SDPLAF = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SFDBRK = 25.000

RUN NO. 3/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMET	CHNEO	CLM	CN	CAF	CYN	CSL	CV	KCF/L	CAB
.260	-5.100	.03940	.01910	.02000	.21110	.01146	-.00700	.00740	.08900	.61700	.04576
.260	-3.020	.03770	.01960	.02320	.20710	.01442	-.00410	.00410	.05500	.7150	.03923
.260	-2.070	.03680	.01980	.02460	.20600	.01538	-.00280	.00260	.03700	.11500	.03897
.260	-1.050	.03600	.01100	.02540	.20480	.01567	-.00170	.00120	.02000	.62600	.03797
.260	-.030	.03490	.01120	.02590	.20270	.01615	-.00030	.00000	.00200	.60300	.03751
.260	.980	.03375	.01130	.02560	.20340	.01613	.00100	-.00130	-.01500	.60500	.03744
.260	2.000	.03260	.01150	.02470	.20380	.01572	.00210	-.00280	-.03300	.60700	.03734
.260	3.000	.03140	.01150	.02350	.20360	.01530	.00340	-.00410	-.05100	.60900	.03791
.260	4.070	.02890	.01150	.02040	.20500	.01250	.00610	-.00770	-.08700	.61500	.03901
.260	7.070	.02600	.01140	.01650	.21090	.00606	.00950	-.01020	-.12400	.62300	.04048
.260	9.100	.02400	.01150	.01220	.21620	.00363	.01320	-.01360	-.16200	.63100	.04179
.260	11.130	.02300	.01250	.00860	.22110	-.00123	.01740	-.01750	-.20100	.63700	.04327
GRADIENT		-.00104	.00014	.00004	-.00032	.00011	.00127	-.00139	-.01736	-.00024	-.00019

0A1198 B68C18F10M16N28U18T35V8 R5 X9

(RF9024) (15 NOV 74)

REFERENCE DATA

XREF = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.6100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 10.000 SDCLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 4/ 0 RW/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WICH	BETA	CHWEI	CHWEO	CLM	CN	CAF	CYN	CSL	CY	ACP/L	CAB
.260	-5.100	.02640	-.00080	.01980	.45850	-.02203	-.00810	.01230	.09210	.03500	.04141
.260	-3.920	.02660	-.00010	.02380	.45330	-.01956	-.00490	.00720	.05600	.03200	.02957
.260	-2.070	.02560	.00010	.02540	.45200	-.01890	-.00380	.00470	.04000	.03000	.03194
.260	-1.050	.02450	.00040	.02610	.45080	-.01777	-.00240	.00240	.02200	.03000	.03751
.260	-.040	.02340	.00030	.02640	.45110	-.01748	-.00100	.00000	.00400	.03000	.03721
.260	.570	.02230	.00050	.02600	.45120	-.01741	-.00030	-.00020	-.01200	.03100	.03720
.260	1.590	.02100	.00110	.02530	.45390	-.01788	.00100	-.00460	-.02900	.03200	.03788
.260	3.110	.02090	.00170	.02410	.45260	-.01829	.00300	-.00690	-.04300	.03200	.03730
.260	5.040	.01870	.00200	.02050	.45770	-.02080	.00380	-.01800	-.03500	.03300	.03739
.260	7.070	.01560	.00180	.01630	.46220	-.02360	.00910	-.01700	-.02000	.03300	.03693
.260	9.090	.01100	.00220	.01120	.46670	-.02736	.01160	-.02160	-.01500	.03200	.04321
.260	11.120	.01000	.00270	.00820	.47360	-.03090	.01710	-.02740	-.01700	.03500	.04304
GRADIENT	-.00096	.00027	.00004	-.00002	.00016	.00016	.00136	-.00237	-.01734	-.00002	-.00024



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TABULATED SOURCE DATA - 0A1198

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0A1198 B68C18F10M16N26H127E55V8 R5 X9

(RF9095) (18 NOV 74)

REFERENCE DATA

REF = 2890.0100 SQ.FT. XMRP = 1076.6000 INCHES
 REF = 474.8100 INCHES YMRP = .0000 INCHES
 REF = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDELAF = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SFDSRX = 25.000

RUN NO. 5/ 0 RN/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CMNEI	CMNEO	CLM	CN	CAF	CYN	CBL	CV	KCP/L	CAS
.260	-5.000	.01350	-.01690	.01895	.72860	-.06312	-.00760	.01210	.09400	.64200	.04176
.260	-3.040	.01360	-.01760	.02260	.72600	-.06065	-.00520	.02640	.06100	.64000	.04185
.260	-2.060	.01300	-.01820	.02340	.72790	-.06034	-.00400	.00390	.04400	.64000	.04255
.260	-1.050	.01180	-.01840	.02480	.72530	-.05954	-.00270	.00160	.02800	.63900	.04242
.260	-.040	.00960	-.01840	.02560	.72460	-.05945	-.00130	-.00040	.00900	.63900	.04219
.260	.970	.00670	-.01770	.02520	.72660	-.05960	.00020	-.00280	-.01000	.63900	.04191
.260	1.980	.00360	-.01630	.02350	.72850	-.05967	.00160	-.00510	-.02800	.64000	.04114
.260	2.990	.00080	-.01460	.02200	.72990	-.05965	.00280	-.00790	-.04600	.64100	.04059
.260	3.990	-.00200	-.01030	.01830	.73430	-.05181	.00420	-.01390	-.07800	.64300	.04053
.260	7.090	-.00300	-.00770	.01080	.73960	-.05538	.00720	-.02020	-.11400	.64500	.04078
.260	9.590	-.00430	-.00720	.00230	.75190	-.05687	.01270	-.02710	-.16100	.65100	.04384
.260	11.150	-.00400	-.00640	-.00330	.75610	-.05709	.01690	-.03280	-.19200	.65300	.04699
GRADIENT		-.00177	-.00059	-.00007	.00046	.00014	.00123	-.00248	-.01725	.00010	-.00017

0A1198 86812F10M16N20W187E35V8 R3 X9

(RF9008) (18 NOV 74)

REFERENCE DATA

BREF = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 536.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 20.000 SDFAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDERK = 25.000

RUN NO. 6/ 0 RNVL = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHWEI	CHWEO	CLW	CN	CAF	CYN	CBL	C	XCF/L	CAS
.260	-5.100	-.01070	-.03620	.01200	1.03580	-.09705	-.01130	.01320	.15450	.64800	.64824
.265	-3.050	-.01760	-.03340	.01310	1.03440	-.09551	-.00900	.00640	.07100	.64700	.64875
.267	-2.050	-.01500	-.03270	.01420	1.03360	-.09564	-.00740	.00240	.05200	.64700	.64855
.269	-1.050	-.02010	-.03150	.01450	1.03360	-.09579	-.00500	-.00100	.03500	.64700	.64943
.269	-.010	-.02130	-.03010	.01450	1.03280	-.09583	-.00460	-.00480	.01600	.64700	.65016
.270	.960	-.02230	-.02870	.01540	1.03310	-.09543	-.00340	-.00840	.00100	.64600	.64938
.271	1.970	-.02390	-.02810	.01390	1.03660	-.09548	-.00220	-.01180	-.01600	.64700	.64946
.272	2.990	-.02530	-.02850	.01190	1.03970	-.09560	-.00120	-.01500	-.03300	.64600	.64905
.265	5.050	-.02420	-.03450	.00960	1.04690	-.09679	.00100	-.02020	-.00800	.64600	.64833
.260	7.920	-.02000	-.04090	-.00270	1.05500	-.09935	.00390	-.02620	-.00900	.65000	.64806
.210	9.110	-.01520	-.04830	-.01400	1.05830	-.10173	.00930	-.03270	-.05000	.65700	.05191
.201	11.130	-.01010	-.05460	-.02410	1.07860	-.10482	.01270	-.03800	-.10900	.65000	.05326
	GRADIENT	-.00129	.00046	-.00039	.00129	.00002	.00124	-.00336	-.01713	.00009	.00002

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TASULATED SOURCE DATA - GA1195

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GA1195 582C12F10M16N26W127E55V6 R5 X9

(RP9507) (18 NOV 74)

REFERENCE DATA

REF = 2650.0100 SQ.FT. XREF = 1976.6800 INCHES
REF = 474.8100 INCHES YREF = .0000 INCHES
REF = 930.6800 INCHES ZREF = 375.0000 INCHES
SCALE = .5405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 SDFAP = .000
ELV-LO = .000 ELV-LI = .000
ELV-RI = .000 ELV-RO = .000
RUDDER = .000 SPDRK = 25.000

RUN NO. 7/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHREG	CLM	CN	CAF	CYN	CBL	CV	XCF/L	CAS
.260	-5.070	.02900	-.00070	.02000	.45690	-.02213	-.00820	.01240	.03200	.63600	.04599
.260	-3.500	.02730	.00000	.02420	.45190	-.01977	-.00510	.00710	.05700	.63200	.03846
.260	-2.510	.02620	.00020	.02380	.45130	-.01899	-.00390	.00460	.04100	.63100	.03375
.260	-1.510	.02510	.00040	.02630	.44960	-.01767	-.00240	.00240	.02300	.63000	.03765
.260	-.510	.02410	.00050	.02660	.44990	-.01759	-.00110	.00010	.00600	.63000	.03719
.260	1.020	.02310	.00060	.02610	.45130	-.01779	.00020	-.00220	-.01200	.63000	.03771
.260	2.040	.02220	.00120	.02360	.45130	-.01741	.00180	-.00430	-.03000	.63100	.03711
.260	3.040	.02150	.00170	.02430	.45290	-.01807	.00310	-.00690	-.04600	.63200	.03651
.260	5.090	.01940	.00210	.02050	.45640	-.02049	.00600	-.01200	-.08400	.63500	.03850
.260	7.110	.01630	.00200	.01660	.46110	-.02369	.00840	-.01700	-.12100	.63900	.03978
.260	9.140	.01240	.00240	.01140	.46770	-.02743	.01200	-.02160	-.15500	.64300	.04305
.260	11.170	.01110	.00260	.00840	.47430	-.03107	.01700	-.02740	-.19700	.64500	.04485
	GRADIENT	-.00095	.00027	.00003	.00003	.00021	.00135	-.00236	-.01737	-.00005	-.00225

7A1198 B62C12F1DM16N28W127E55V8 R5 X9

(RFS558) (19 NOV 74)

REFERENCE DATA

SREF = 2699.5155 SQ.FT. XREF = 1076.6800 INCHES
 LREF = 474.8100 INCHES YREF = .0000 INCHES
 BREF = 936.6800 INCHES ZREF = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 SDFAP = -12.000
 ELV-LO = .000 ELV-HI = .000
 ELV-RO = .000 ELV-FO = .000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 8/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MAC	ALPHA	CHREI	CHREO	CLX	CN	CAF	CYN	CSL	CX	KCP/L	TAS
.000	-10.640	.03620	.03270	.04680	-.55150	-.01467	-.00030	.00050	-.00100	-.69300	.04286
.001	-8.510	.04770	.02500	.04360	-.44610	-.00127	-.00010	.00070	-.00100	.68000	.04227
.002	-6.380	.04420	.02450	.04150	-.34640	.01175	.00000	.00160	-.00100	.68800	.04353
.003	-4.250	.04200	.02150	.04060	-.25100	.02291	-.00010	.00050	-.00000	.67100	.04439
.004	-2.120	.04210	.01100	.04000	-.15530	.02511	-.00010	.00045	.00000	.67000	.04392
.005	.000	.04080	.01690	.04000	-.05930	.02101	-.00010	.00040	.00000	.67000	.04393
.006	2.000	.03960	.01510	.04040	.03750	.02155	-.00000	.00020	.00000	.66900	.04353
.007	4.160	.03570	.01110	.04000	.13210	.02342	-.00010	.00010	.00000	.66900	.04242
.008	6.280	.03600	.00960	.04000	.22870	.01543	-.00010	.00000	.00000	.66700	.04154
.009	8.470	.03000	.00540	.03980	.33070	.00555	-.00010	.00000	.00000	.66700	.04338
.010	10.520	.02010	.00060	.04090	.42910	-.01496	-.00040	.00000	.00000	.66700	.04166
.011	12.490	.01010	-.00210	.04260	.52110	-.03161	-.00160	.00000	.00000	.66100	.04265
.012	14.400	.00010	-.01250	.04850	.64290	-.04847	-.00460	-.00070	.00000	.62700	.04441
.013	16.190	.00000	-.01540	.03550	.76910	-.06561	-.00760	-.00140	.00000	.63600	.04520
.014	18.100	.00000	-.02220	.03090	.89510	-.05164	-.00860	-.00240	.00000	.63600	.04667
.015	21.370	.00000	-.02930	.03130	1.00650	-.04638	-.00450	-.00470	.00000	.64000	.04131
.016	23.410	.00000	-.04320	.02600	1.12150	-.05750	-.00620	-.00430	.00000	.64000	.04491
.017	25.570	.00000	-.05450	.02470	1.24010	-.07748	-.00430	-.00270	.00000	.64000	.04921
.018	67425.0	-.00000	-.00000	.00000	.04599	.00004	-.00004	-.00005	.00004	-.00000	-.00000

CALISE 368C12F10 612755US R2 X9

(18 NOV 74)

REFERENCE DATA

REF = 2895.0100 SQ.FT. XREF = 1076.6800 INCHES
 REF = 474.8100 INCHES YREF = .0000 INCHES
 REF = 536.6600 INCHES ZREF = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 SFLAP = -12.000
 ELV-L0 = .000 ELV-L1 = .000
 ELV-R1 = .000 ELV-R0 = .000
 RUDDER = .000 SPEED = 25.000

RUN NO. 9/ 0 RNL = 1.00 GRADIENT INTERVAL = -6.00/ 6.00

WACP	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CSL	CY	XCF/L	CAS
.260	-10.380	.06060	.03120	.03330	-.49760	-.02241	-.03110	.00040	.00100	.57820	.02231
.260	-8.440	.05070	.02750	.03210	-.39260	-.05227	-.05055	.00060	.00100	.58200	.02237
.260	-6.320	.04670	.02350	.02980	-.29060	.00447	-.05090	.00070	.00100	.65000	.02371
.260	-4.810	.04510	.02020	.02850	-.19300	.04515	-.05090	.00060	.00100	.70500	.02266
.260	-2.590	.04390	.01770	.02820	-.09900	.02014	-.05090	.00050	.00100	.75700	.02284
.260	.000	.04230	.01570	.02840	.00090	.02235	-.05090	.00050	.00100	.80200	.02355
.260	2.130	.04100	.01360	.02860	.09730	.01955	-.05180	.00050	.00100	.84300	.02455
.260	4.360	.03950	.01130	.02900	.19390	.01262	-.05180	.00020	.00100	.89700	.02439
.260	6.350	.03670	.00790	.02960	.29270	.00259	-.05180	.00000	.00100	.91600	.02504
.260	8.490	.03080	.00320	.02740	.39360	-.01135	-.05010	.00000	.00100	.92800	.02196
.260	10.610	.02580	-.00140	.02950	.49220	-.02663	-.05280	.00010	.00100	.93000	.02714
.260	12.740	.02110	-.00650	.03240	.59400	-.04261	-.05300	-.00010	.00100	.93300	.02740
.260	14.850	.01620	-.01460	.03130	.70540	-.05952	-.05320	-.00050	.00100	.93500	.02755
.260	17.140	.00750	-.02230	.02560	.83360	-.07716	-.05320	-.00110	.00100	.93900	.02750
.260	19.250	-.00750	-.02760	.01970	.96030	-.09238	-.05440	-.00220	.00100	.94000	.02734
.260	21.360	-.02050	-.03240	.01950	1.07290	-.10153	-.05750	-.00680	.00100	.94000	.02730
.260	23.490	-.03840	-.04620	.01410	1.18900	-.10475	-.05810	-.02250	.00100	.94000	.02722
.260	25.620	-.04180	-.05590	.01660	1.26940	-.11447	-.05810	-.02240	.00100	.94000	.02719
GRADIENT		-.00067	-.00103	.00058	.04579	-.00028	-.05005	-.00004	.00024	-.02111	.00011

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TABULATED SOURCE DATA - G41198

PAGE 10

G41198 862C12F10 W187E53V8 R7 19

(P55010) (19 NOV 74)

REFERENCE DATA

BREF = 2890.0100 50.FT. YMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 536.6800 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

SETA = .000 SPFLR = .000
 ELV-LO = .000 ELV-HI = .000
 ELV-LO = .000 ELV-HI = .000
 RUBBER = .000 SP23K = 25.000

RUN NO. 10/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 5.00

MACH	ALPHA	CHREF	CHREF	CLM	CN	CAF	CYN	CEL	C	REF	CAS
.000	-10.240	.05610	.05050	.01300	-.46120	-.02716	-.00140	.00020	.00000	.00000	.00000
.001	-9.100	.04650	.02700	.01050	-.35670	-.01405	-.00160	.00030	.00000	.00000	.00000
.002	-8.060	.04360	.02300	.00900	-.25670	-.00350	-.00160	.00030	.00000	.00000	.00000
.003	-7.100	.04220	.01980	.00800	-.16090	.00875	-.00160	.00030	.00000	.00000	.00000
.004	-6.100	.04110	.01730	.00690	-.06520	.01412	-.00170	.00030	.00000	.00000	.00000
.005	-5.100	.03950	.01540	.00570	.03200	.01843	-.00180	.00030	.00000	.00000	.00000
.006	-4.100	.03820	.01360	.00450	.12700	.01319	-.00190	.00030	.00000	.00000	.00000
.007	-3.100	.03690	.01110	.00330	.25520	.00531	-.00200	.00030	.00000	.00000	.00000
.008	-2.100	.03540	.00730	.00210	.32430	-.00351	-.00210	.00030	.00000	.00000	.00000
.009	-1.100	.02760	.00270	.00090	.40540	-.01762	-.00230	.00030	.00000	.00000	.00000
.010	0.000	.02250	.00180	.00060	.52430	.03291	-.00240	.00030	.00000	.00000	.00000
.011	1.000	.01750	.00070	.01140	.62490	-.04947	-.00250	.00030	.00000	.00000	.00000
.012	2.000	.01300	.00040	.01590	.73650	.06746	-.00260	.00030	.00000	.00000	.00000
.013	3.000	.00900	.00020	.02070	.86420	.08404	-.00270	.00030	.00000	.00000	.00000
.014	4.000	.00500	.00010	.02560	.99360	.09749	-.00280	.00030	.00000	.00000	.00000
.015	5.000	.00100	.00000	.03060	1.10330	.10544	-.00290	.00030	.00000	.00000	.00000
.016	6.000	.00000	.00000	.03570	1.22240	.10753	-.00300	.00030	.00000	.00000	.00000
.017	7.000	.00000	.00000	.04080	1.32890	.11779	-.00310	.00030	.00000	.00000	.00000
.018	8.000	.00000	.00000	.04590	1.44566	.12028	-.00320	.00030	.00000	.00000	.00000
.019	9.000	.00000	.00000	.05100							
.020	10.000	.00000	.00000								
.021	11.000	.00000	.00000								
.022	12.000	.00000	.00000								
.023	13.000	.00000	.00000								
.024	14.000	.00000	.00000								
.025	15.000	.00000	.00000								
.026	16.000	.00000	.00000								
.027	17.000	.00000	.00000								
.028	18.000	.00000	.00000								
.029	19.000	.00000	.00000								
.030	20.000	.00000	.00000								
.031	21.000	.00000	.00000								
.032	22.000	.00000	.00000								
.033	23.000	.00000	.00000								
.034	24.000	.00000	.00000								
.035	25.000	.00000	.00000								
.036	26.000	.00000	.00000								
.037	27.000	.00000	.00000								
.038	28.000	.00000	.00000								
.039	29.000	.00000	.00000								
.040	30.000	.00000	.00000								
.041	31.000	.00000	.00000								
.042	32.000	.00000	.00000								
.043	33.000	.00000	.00000								
.044	34.000	.00000	.00000								
.045	35.000	.00000	.00000								
.046	36.000	.00000	.00000								
.047	37.000	.00000	.00000								
.048	38.000	.00000	.00000								
.049	39.000	.00000	.00000								
.050	40.000	.00000	.00000								
.051	41.000	.00000	.00000								
.052	42.000	.00000	.00000								
.053	43.000	.00000	.00000								
.054	44.000	.00000	.00000								
.055	45.000	.00000	.00000								
.056	46.000	.00000	.00000								
.057	47.000	.00000	.00000								
.058	48.000	.00000	.00000								
.059	49.000	.00000	.00000								
.060	50.000	.00000	.00000								
.061	51.000	.00000	.00000								
.062	52.000	.00000	.00000								
.063	53.000	.00000	.00000								
.064	54.000	.00000	.00000								
.065	55.000	.00000	.00000								
.066	56.000	.00000	.00000								
.067	57.000	.00000	.00000								
.068	58.000	.00000	.00000								
.069	59.000	.00000	.00000								
.070	60.000	.00000	.00000								
.071	61.000	.00000	.00000								
.072	62.000	.00000	.00000								
.073	63.000	.00000	.00000								
.074	64.000	.00000	.00000								
.075	65.000	.00000	.00000								
.076	66.000	.00000	.00000								
.077	67.000	.00000	.00000								
.078	68.000	.00000	.00000								
.079	69.000	.00000	.00000								
.080	70.000	.00000	.00000								
.081	71.000	.00000	.00000								
.082	72.000	.00000	.00000								
.083	73.000	.00000	.00000								
.084	74.000	.00000	.00000								
.085	75.000	.00000	.00000								
.086	76.000	.00000	.00000								
.087	77.000	.00000	.00000								
.088	78.000	.00000	.00000								
.089	79.000	.00000	.00000								
.090	80.000	.00000	.00000								
.091	81.000	.00000	.00000								
.092	82.000	.00000	.00000								
.093	83.000	.00000	.00000								
.094	84.000	.00000	.00000								
.095	85.000	.00000	.00000								
.096	86.000	.00000	.00000								
.097	87.000	.00000	.00000								
.098	88.000	.00000	.00000								
.099	89.000	.00000	.00000								
.100	90.000	.00000	.00000								

GRADIENT

PUBLISHED SOURCE DATA - CAY 1995

514217238 951175
514217238 951175

REFERENCE DATA

250.000	50.000	250.000	50.000
474.000	474.000	474.000	474.000
936.000	936.000	936.000	936.000
549.500	549.500	549.500	549.500

FACULTY LIST

[illegible]

FUN AC. 11/ 5 RE/L = 1.63 GRADIENT INTERVAL = -6.59/ 6.05

MAC	BETA	CHMEI	CHMEO	CLM	CN	CAF	CLM	CAN	CS	CA	ICF/L	CAB
.260	-5.260	.04310	.01260	.00230	.04100	.01149		-.01645	.07555	-.00003	.57000	-.00185
.260	-2.560	.04100	.01020	.00560	.03660	.01395		-.01560	.07420	-.00000	.57000	-.00185
.260	-2.000	.04000	.01000	.00600	.03490	.01400		-.01510	.07290	-.00000	.57000	-.00185
.260	-1.020	.04000	.01000	.00600	.03200	.01460		-.01360	.07420	-.00000	.57000	-.00185
.260	.000	.03900	.01000	.00600	.02900	.01890		-.01460	.07000	-.00000	.57000	-.00185
.260	1.010	.03800	.01000	.00600	.03140	.01479		-.01320	.07000	-.00000	.57000	-.00185
.260	2.030	.03700	.01000	.00600	.03060	.01466		-.01160	.07000	-.00000	.57000	-.00185
.260	3.040	.03600	.01000	.00600	.03020	.01490		-.01000	.07000	-.00000	.57000	-.00185
.260	5.100	.03400	.01000	.00600	.02490	.01455		-.00820	.07000	-.00000	.57000	-.00185
.260	7.130	.03200	.01000	.00600	.03770	.01477		-.00950	.07000	-.00000	.57000	-.00185
.260	9.120	.03100	.01000	.00600	.04260	.01462		-.01000	.07000	-.00000	.57000	-.00185
.260	11.150	.03000	.01000	.00600	.04680	.01504		-.01000	.07000	-.00000	.57000	-.00185
.04310		-.00004	.00002	.00025	-.00066			-.00000	.07000	-.00000	.57000	-.00185

GAI198 882C12F10 W1975510 R3 X9

(275012) (13 NOV 74)

REFERENCE DATA

XREF = 2695.0100 SQ.FT. XREFP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YREFP = .0000 INCHES
 BREF = 536.6800 INCHES ZREFP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 5.000 ZDTPP = .000
 ELV-LG = .000 ELV-HI = .000
 ELV-R1 = .000 ELV-R2 = .000
 RUGGER = .000 RUGBRK = 23.000

RUN NO. 12/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

W/L	BETA	CHMEI	CHMEG	CLM	CN	CAF	CYN	CSL	CY	NDP/L	CAB
.000	-5.260	.03560	.00600	.00200	.26180	-.00375	-.01150	.01050	.01000	.01000	.00000
.000	-5.270	.03720	.00930	.00370	.27640	-.00375	-.00740	.01050	.01000	.01000	.00000
.000	-5.280	.03880	.00970	.00660	.27740	.00082	-.00350	.01070	.01000	.01000	.00000
.000	-5.290	.03940	.00900	.00760	.27690	.00125	-.00400	.01050	.01000	.01000	.00000
.000	-5.300	.03490	.00920	.00620	.27520	.00162	-.00380	.01050	.01000	.01000	.00000
.000	-5.310	.03390	.00930	.00630	.27530	.00336	-.00360	.01050	.01000	.01000	.00000
.000	-5.320	.03280	.00940	.00640	.27360	.00211	-.00310	.01050	.01000	.01000	.00000
.000	-5.330	.03160	.00940	.00720	.27430	.00136	-.00300	.01050	.01000	.01000	.00000
.000	-5.340	.02800	.00950	.00740	.27570	-.00096	-.00360	.01050	.01000	.01000	.00000
.000	-5.350	.02600	.00940	.00100	.28000	-.00496	-.00400	.01050	.01000	.01000	.00000
.000	-5.360	.02450	.00960	-.00300	.26430	-.00330	-.00390	.01050	.01000	.01000	.00000
.000	-5.370	.02300	.01050	-.00460	.26750	-.00176	-.00360	.01050	.01000	.01000	.00000
.000	-5.380	.02200	.00915	.00200	-.00065	.00325	.00170	.01050	.01000	.01000	.00000
.000	-5.390	.02000	.00915	.00200	-.00065	.00325	.00170	.01050	.01000	.01000	.00000

GRADIENT

0A1199 862C12F10 W127E55V9 R5 X9

(RF90141) (18 NOV 74)

REFERENCE DATA

SREF = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 15.000 EDPLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPEEDK = 25.000

RUN NO. 14/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WICH	BETA	CHREI	CHREG	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-5.500	.01070	-.02000	-.00080	.80980	-.02008	-.01300	.01480	.10800	-.00200	-.03739
.200	-3.120	.01180	-.02030	.00370	.80670	-.07727	-.00660	.00770	.07000	.00000	-.03551
.200	-2.020	.01170	-.02070	.00570	.80560	-.07645	-.00690	.00450	.05000	.04900	-.03321
.200	-.590	.01120	-.02090	.00740	.80270	-.07574	-.00520	.00180	.03400	.02800	-.03514
.200	.020	.00990	-.02090	.00800	.80180	-.07519	-.00370	-.00120	.01600	.04300	-.03493
.200	1.520	.00740	-.02030	.00790	.80390	-.07519	-.00240	.00400	-.00100	.04900	-.03492
.200	2.000	.00400	-.01660	.00530	.80570	-.07513	-.00110	-.00700	-.01900	.04900	-.03483
.200	3.000	.00060	-.01660	.00280	.80870	-.07569	.00030	-.01020	-.00700	.05100	-.03537
.200	5.000	-.00280	-.01200	-.00330	.81130	-.07762	.00360	-.01740	-.00500	.05200	-.03559
.200	7.120	-.00330	-.00940	-.00360	.81270	-.08006	.00750	-.02480	-.01400	.05300	-.03423
.200	9.130	-.00430	-.00680	-.00380	.81830	-.08217	.01160	-.03210	-.01200	.05500	-.03505
.200	11.170	-.00530	-.00590	-.01200	.82360	-.08437	.01400	-.03770	-.01800	.05700	-.04003
.200	GRADIENT	-.00612	.00071	-.00002	.00019	.00026	.00159	-.00308	-.01791	.00005	-.00013



DATE 21 MAR 75 TABULATED SOURCE DATA - 041198

(RF9018) (18 NOV 74)

041198 88PC12F10 W127E33V8 R3 X9

REFERENCE DATA

SEEP = 2890.0100 30.FT. XREF = 1076.6800 INCHES
 LREF = 474.8100 INCHES YREF = .0000 INCHES
 SREF = 538.6900 INCHES ZREF = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDPLAF = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPOBEX = 23.000

RUN NO. 15/0 RN/L = 1.85 GRACIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAP	CYN	CBL	CY	XCF/L	CAB
.260	-5.070	-.01750	-.04050	-.00770	1.10390	-.10950	-.01790	.01400	.12000	.65400	-.04370
.260	-3.030	-.02130	-.03730	-.00290	1.10250	-.10643	-.01310	.00520	.08300	.65300	.03942
.260	-2.050	-.02270	-.03560	-.00170	1.10470	-.10419	-.01100	.00000	.06300	.65200	.03686
.260	-1.020	-.02290	-.03420	-.00170	1.10500	-.10345	-.00960	-.00320	.04700	.65200	.03715
.260	-.010	-.02350	-.03360	-.00290	1.10640	-.10108	-.00970	-.00840	.03200	.65300	.03837
.260	1.000	-.02680	-.03260	-.00380	1.10900	-.10172	-.00840	-.01210	.01400	.65300	.03930
.260	2.010	-.02760	-.03190	-.00540	1.11190	-.10292	-.00650	-.01530	-.00400	.65400	.03984
.260	3.000	-.02940	-.03170	-.00600	1.11870	-.10504	-.00480	-.01830	-.02300	.65400	.04063
.260	5.050	-.02770	-.03600	-.01210	1.12690	-.10915	.00030	-.02410	-.05700	.65600	.04096
.260	7.100	-.02320	-.04060	-.01590	1.12170	-.10672	.00760	-.02880	-.11300	.65700	.04140
.260	9.110	-.01690	-.04790	-.02350	1.12910	-.10635	.01150	-.03440	-.15200	.66000	.04257
.260	11.100	-.01020	-.05440	-.03140	1.13040	-.10325	.01620	-.03680	-.19100	.66200	.04257
GRACIENT	-.00113	.00061	.00059	.00205	.00205	.00013	.00160	-.00383	-.01801	.00023	-.00003

0A1198 862C18F19 W127E58V8 R5 X9

(RF9016) (18 NOV 74)

REFERENCE DATA

REF = 2680.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6900 INCHES ZMRP = 373.0000 INCHES
 SCALE = .5400 SCALE

PARAMETRIC DATA

BETA = .000 BDFAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SFDBRK = 25.000

RUN NO. 16/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHKEI	CHKEO	CLM	CN	CAF	CYN	CBL	CV	XCF'L	CAB
.200	10.870	.03850	.02390	.02470	-.48750	-.02949	-.00140	-.00020	.00350	.67007	.02797
.200	8.450	.03300	.02330	.02120	-.38240	-.01573	-.00140	-.00010	.00300	.67200	.02652
.200	-6.320	.03190	.02090	.01940	-.28280	-.00230	-.00120	.00000	.00400	.67700	.02640
.200	-4.210	.03180	.01870	.01900	-.18400	.00611	-.00160	.00010	.00400	.69000	.02807
.200	-2.350	.03190	.01730	.01910	-.08780	.01380	-.00160	.00010	.00300	.73200	.02613
.200	.040	.03110	.01620	.01930	.01100	.01159	-.00150	.00000	.00300	.51100	.02837
.200	2.140	.03030	.01500	.01920	.10780	.01270	-.00160	.00000	.00300	.58600	.02939
.200	4.830	.02900	.01310	.01890	.20470	.00580	-.00170	-.00020	.00700	.61900	.02908
.200	6.400	.02690	.01070	.01820	.30440	-.00353	-.00160	.00000	.00700	.63000	.02984
.200	8.500	.02320	.00710	.01740	.40430	-.01669	-.00220	-.00020	.00800	.63600	.03036
.200	10.840	.01990	.00430	.01620	.50610	-.03318	-.00220	-.00010	.00900	.63900	.03160
.200	12.770	.01560	.00200	.01760	.61510	-.04905	-.00260	-.00030	.01000	.64100	.03241
.200	14.930	.01060	-.00250	.01310	.73690	-.06710	-.00310	.00000	.01000	.64500	.03402
.200	17.070	.00440	-.01060	.00490	.86700	-.08371	-.00350	.00090	.01700	.65000	.03540
.200	19.340	-.00140	-.01730	-.00160	.99760	-.09784	-.00470	-.00220	.02000	.65200	.03692
.200	21.390	-.00560	-.02480	-.00620	1.11670	-.10183	-.00940	-.00690	.03100	.65400	.03871
.200	23.340	-.02120	-.03250	-.01260	1.23730	-.10763	-.00790	-.00590	.02600	.65600	.04067
.200	25.670	-.03970	-.03850	-.01100	1.33880	-.11806	-.00630	-.00220	.02500	.65500	.04320
.200		-.05064	-.03064	-.00000	.54600	-.00017	-.00001	-.00003	.00033	-.51391	.00015
	GRADIENT	-.00033									



TABULATED SOURCE DATA - G41195

G41195 552C12F10 W127236V8 RS X9 (RFP0517) 18 NOV 74

REFERENCE DATA

DEEP = 2850.0100 SQ.FT. AMRP = 1076.6800 INCHES
 DEEP = 474.8100 INCHES YMRP = .5500 INCHES
 DEEP = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .5400 SCALE

PARAMETRIC DATA

BETA = .000 BSFLAP = -12.000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RD = .000
 RUDDER = .000 SPDSK = 25.000

RUN NO. 17/0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHWEL	CHWEG	CLM	CL	C/F	CYN	CEL	CV	XCR/L	CAB
.250	-15.610	.04010	.02350	.04880	-.52110	-.02412	-.00100	-.00020	.00100	.68500	-.02170
.260	-8.470	.03950	.02270	.04860	-.41500	-.01075	-.00060	.00000	.00100	.69500	.02260
.265	-6.330	.03450	.02020	.03870	-.31050	.00427	-.00070	.00040	.00100	.69500	.02127
.260	-4.250	.03400	.01610	.03560	-.21330	.01372	-.00060	.00040	.00100	.71600	.02135
.260	-2.120	.03370	.01680	.03570	-.11710	.02730	-.00070	.00040	.00100	.77300	.02162
.260	.000	.03340	.01560	.03560	-.01970	.02225	-.00090	.00040	.00000	1.37400	.02211
.260	2.030	.03260	.01470	.03360	.07650	.01973	-.00100	.00030	.00000	.48500	.02239
.260	4.210	.03160	.01300	.03130	.17430	.01307	-.00120	.00010	.00000	.57000	.02402
.260	6.360	.02960	.01070	.02900	.27330	.00242	-.00070	.00000	.00000	.59500	.02477
.260	8.460	.02610	.00730	.02510	.37110	-.01043	-.00140	.00010	.00000	.61500	.02478
.260	10.590	.02240	.00400	.02060	.47330	-.02582	-.00150	.00020	.00000	.61000	.02330
.260	12.750	.01830	.00000	.01590	.56210	-.04237	-.00000	.00000	.00000	.62500	.02591
.260	14.950	.01330	-.00220	.01070	.63110	-.05973	-.00040	.00000	.00000	.63000	.02835
.260	17.020	.00690	-.01020	.00630	.67710	-.07763	-.00000	-.00040	.00000	.63000	.03093
.260	19.200	-.00070	-.01610	.00130	.69160	-.09252	-.00020	-.00060	.00000	.61000	.03445
.260	21.340	-.00310	-.02370	.01620	.65600	-.09622	-.00050	-.00090	.00000	.64000	.03729
.260	23.510	-.01500	-.03150	.00920	.60000	-.09533	-.00000	-.00000	.00000	.64000	.04000
.260	25.040	-.02500	-.03750	.01210	.50260	-.09463	-.00010	-.00010	.00000	.64000	.04200
GRADIENT		-.00000	-.00000	.00000	.04136	-.00000	-.00000	-.00000	.00000	-.00000	.00000

041198 862C12F10H7N20 W127E56V0 R5 X9

(RF9010) (18 NOV 74)

REFERENCE DATA

SRF = 2680.0100 SQ.FT. XREF = 1076.6800 INCHES
 LREF = 474.8100 INCHES YREF = .0000 INCHES
 BRF = 536.6800 INCHES ZREF = 375.0000 INCHES
 SCALE = .5405 SCALE

PARAMETRIC DATA

BETA = .000 SDPLAF = -12.000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDERK = 25.000

RUN NO. 18/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	KCP/L	CAS
.260	-10.670	.04200	.02690	.05540	-.58670	-.01915	.00010	.00000	-.00100	.59700	.03330
.260	-8.550	.03640	.02330	.05170	-.47650	-.00506	.00020	.00030	-.00200	.59200	.03319
.260	-6.410	.03400	.02270	.04890	-.37240	.00030	.00030	.00050	-.00100	.70000	.03866
.260	-4.320	.03340	.02030	.04760	-.27530	.01947	.00040	.00060	-.00200	.71600	.03849
.260	-2.190	.03320	.01840	.04720	-.17150	.02670	.00020	.00050	-.00100	.73300	.03802
.260	-1.140	.03300	.01780	.04710	-.12210	.02882	.00010	.00040	.00000	.75400	.03765
.260	-.590	.03290	.01740	.04730	-.07310	.02501	.00010	.00050	.00000	.86000	.03797
.260	.980	.03260	.01690	.04740	-.02190	.02919	.00010	.00040	.00000	1.44600	.03715
.260	2.170	.03210	.01610	.04750	.03380	.02778	.00000	.00040	.00000	.12500	.03556
.260	4.160	.02110	.01450	.04760	.12860	.02217	.00000	.00030	.00000	.51100	.03646
.260	6.290	.02910	.01220	.04760	.22920	.01271	-.00010	.00010	.00000	.57500	.03554
.260	8.410	.02560	.00690	.04710	.33140	-.00375	-.00020	.00000	.00000	.53900	.03569
.260	10.520	.02170	.00490	.04730	.43880	-.01631	-.00040	.00000	.00000	.61200	.03630
.260	12.670	.01600	.00180	.04740	.54900	-.03312	-.00060	.00000	.00000	.52000	.03761
.260	14.820	.01200	.00150	.04320	.67200	-.03090	-.00070	.00010	.00000	.62800	.03909
.260	16.960	.00450	-.01020	.03560	.80410	-.06920	-.00100	.00000	.00000	.63500	.04138
.260	19.140	-.00340	-.01440	.02920	.93630	-.08536	-.00220	-.00120	.01200	.64000	.04346
.260	21.310	-.00850	-.02340	.02450	1.06420	-.09466	-.00640	-.00450	.02000	.64000	.04663
.260	23.450	-.02420	-.03090	.01660	1.19160	-.10397	-.00590	-.00130	.01900	.64000	.05180
.260	25.620	-.02970	-.03820	.01830	1.30330	-.11482	-.00430	-.00160	.01700	.64000	.05510
	GRADIENT	-.00026	-.00064	.00004	.04751	.00030	-.00004	-.00003	.00031	-.03246	-.00024



GA1198 B62C12F107N28 W127E56V R5 X9

(RFS0019) (19 NOV 74)

REFERENCE DATA

SEEF = 2650.0100 SQ. FT. XMRP = 1075.6600 INCHES
 USEF = 474.8100 INCHES YMRP = .0000 INCHES
 SEEF = 532.6600 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BCFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDSRK = 25.000

RUN NO. 19/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHMEO	CLM	CN	CAF	CYN	CEL	CV	XCF/L	CAB
.265	-10.660	.04070	.02700	.03890	-.56240	-.02115	.00030	-.00010	-.00000	.67700	.03398
.260	-6.530	.03510	.02560	.03550	-.45220	-.00701	.00050	.00010	-.00300	.68100	.03426
.260	-6.360	.03280	.02310	.03280	-.34700	.00696	.00040	.00030	-.00200	.68700	.02440
.260	-4.300	.03240	.02060	.03190	-.24840	.01743	.00040	.00050	-.00100	.69900	.03417
.260	-2.160	.03210	.01890	.03130	-.14620	.02442	.00020	.00050	-.00100	.73100	.03372
.260	-.040	.03180	.01790	.03140	-.04810	.02650	.00020	.00050	.00000	.89200	.03344
.260	2.040	.03090	.01660	.03110	.04960	.02490	.00020	.00050	.00000	.42100	.03302
.260	4.150	.02980	.01510	.03110	.15030	.01699	.00020	.00030	.00000	.57500	.03261
.260	6.300	.02780	.01270	.03080	.25510	.00346	-.00010	.00010	.00100	.60700	.03199
.260	8.430	.02460	.00950	.03020	.33760	-.00462	-.00010	.00010	.00100	.62100	.03270
.260	10.540	.02020	.00630	.02960	.46440	-.01954	-.00010	.00010	.00000	.62600	.03320
.260	12.690	.01570	.00160	.03000	.57480	-.03626	-.00010	.00020	.00000	.63300	.03475
.260	14.820	.01060	-.00140	.02530	.69610	-.05511	-.00020	.00040	.00000	.63600	.03809
.260	16.990	.00270	-.01010	.01710	.83030	-.07262	-.00060	.00000	.00000	.64400	.04003
.260	19.160	-.00260	-.01460	.01070	.96460	-.09300	-.00170	-.00120	.00000	.64900	.04342
.260	21.310	-.00820	-.02300	.00570	1.09160	-.09821	-.00560	-.00470	.00000	.65100	.04703
.260	23.470	-.02590	-.03120	-.00320	1.22410	-.10681	-.00530	-.00140	.00000	.65000	.05116
.260	25.620	-.02960	-.03640	-.00270	1.33770	-.11672	-.00380	-.00130	.00000	.65300	.05498
GRADIENT		-.00030	-.00062	-.00009	.04707	.00018	-.00002	-.00002	.00014	-.02820	-.00013

DATE 01 MAR 79

TABULATED SOURCE DATA - 0A1198

PAGE 20

0A1198 862C12F10M7N28 W127E53V8 R5 X9

(RFS020) (18 NOV 74)

REFERENCE DATA

SREF = 2690.0100 SG.FT. XREF = 1076.6800 INCHES
 LREF = 474.8100 INCHES YREF = .0000 INCHES
 BREF = 935.6800 INCHES ZREF = 375.0000 INCHES
 SCALE = .0400 SCALE

BETA =
 ELV-LO =
 ELV-RI =
 RUDDER =

.000 SDFLAF = .000
 .000 ELV-LI = .000
 .000 ELV-RO = .000
 .000 SDFSRK = 25.000

PARAMETRIC DATA

RUN NO. 20/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CT	XCF/L	CAS
.000	-10.680	.03410	.03180	.02690	-.53860	-.51920	.00000	.00050	-.00200	.67000	.03491
.020	-9.470	.04540	.02780	.02410	-.42950	-.50558	.00020	.00050	-.00200	.67000	.02481
.040	-8.310	.04170	.02390	.02240	-.32720	.00792	.00050	.00040	-.00200	.67000	.03332
.060	-7.150	.04070	.02070	.02160	-.23070	.01836	.00040	.00050	-.00200	.66500	.02443
.080	-6.120	.03870	.01810	.02110	-.12850	.02453	.00020	.00050	-.00100	.71200	.03479
.100	-5.220	.03840	.01630	.02110	-.03050	.02719	.00020	.00040	-.00100	.94600	.03259
.120	-4.490	.03700	.01460	.02090	.07110	.02473	.00000	.00040	.00000	.54300	.03233
.140	-3.880	.03600	.01240	.02120	.17170	.01925	-.00020	.00010	.00100	.60600	.03341
.160	-3.360	.03310	.00900	.02070	.27440	.00937	-.00050	.00010	.00200	.62400	.03291
.180	-2.890	.02780	.00440	.01930	.37950	-.00415	-.00070	.00020	.00200	.63000	.03262
.200	-2.490	.02310	.00000	.02110	.48020	-.01931	-.00090	.00040	.00400	.63600	.03369
.220	-2.170	.01780	-.00510	.02360	.58500	-.03822	-.00100	.00020	.00400	.63700	.03423
.240	-1.860	.01240	-.01360	.02240	.70000	-.05363	-.00100	.00020	.00600	.64000	.03751
.260	-1.520	.00680	-.02030	.01330	.83220	-.07291	-.00110	.00050	.00700	.64000	.04001
.280	-1.140	-.01140	-.02370	.01110	.96170	-.08865	-.00200	.00070	.01100	.64800	.04318
.300	-.02610	-.02610	-.03750	.00910	1.08040	-.09634	-.00600	.00620	.01600	.64900	.04555
.320	23.490	-.04340	-.04470	.00260	1.20850	-.10322	-.00570	.00250	.01600	.65100	.05007
.340	25.640	-.04020	-.05550	.00100	1.32740	-.11567	-.00420	.00300	.01700	.65200	.05435
GRADIENT		-.00036	-.00055	-.00005	.04747	.00007	-.00007	-.00004	.00033	-.01550	-.00012

DATE 01 MAR 73

TABULATED SOURCE DATA - 041199

541199 B6C12F10M7A28 W127E55V8 R3 X9

(RF9021) (18 NOV 74)

REFERENCE DATA

SECF = 2695.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = .000 95FLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPEEDEN = 25.000

RUN NO. 21/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHWEI	CHWEO	CLM	CN	CAF	CYN	CBL	Cv	XCP/L	CAS
.260	-5.090	.04280	.01640	.01510	-.01650	.02305	-.00730	.00520	.09100	.99000	.03532
.260	-3.530	.04110	.01640	.01850	-.02170	.02645	-.00400	.00300	.05300	.96500	.03431
.260	-2.940	.04010	.01630	.01980	-.02300	.02706	-.00260	.00210	.03500	.97000	.03423
.260	-1.990	.03910	.01620	.02060	-.02430	.02774	-.00110	.00130	.01700	.98500	.03394
.260	.000	.03830	.01620	.02110	-.02570	.02732	.00015	.00040	.00200	.99500	.03423
.260	1.010	.02730	.01610	.02100	-.02530	.02759	.00160	-.00040	-.01900	.98000	.03403
.260	2.020	.03620	.01610	.02030	-.02510	.02675	.00300	-.00110	-.03700	.95000	.03437
.260	3.040	.03520	.01610	.01930	-.02460	.02566	.00450	-.00000	-.05600	.93500	.03469
.260	5.080	.03340	.01610	.01600	-.02130	.02343	.00750	-.00380	-.05200	.92800	.03477
.260	7.100	.03160	.01610	.01170	-.01600	.01954	.01080	-.00570	-.13000	.92100	.03586
.260	9.110	.03010	.01600	.00730	-.00950	.01464	.01470	-.00790	-.17000	.93500	.03717
.260	11.130	.02880	.01600	.00290	-.00410	.00945	.01870	-.01000	-.26500	.91000	.03843
.260	GRADIENT	-.00094	-.00004	.00011	-.00049	-.00001	.00143	-.00066	-.01756	-.00557	-.00022

DATE 01 MAR 75

TABULATED SOURCE DATA - 0A1198

PAGE 22

0A1198 86C12F10M7N28 W127E55V8 R5 X9

(18 NOV 74)

REFERENCE DATA

BRP = 2880.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BRP = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0003 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BDFAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-R1 = .000 ELV-RO = .000
 RUDDER = .000 SPDRPK = 25.000

RUP NO. 22/ 9 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CEL	CV	XCF/L	ZAB
.260	-5.080	.03860	.00960	.01610	.22980	.01077	-.00760	.00800	.00200	.02500	.03544
.260	-3.000	.03720	.01000	.01950	.22750	.01331	-.00430	.00460	.00600	.02000	.03446
.260	-2.000	.03640	.01020	.02020	.22620	.01446	-.00330	.00300	.00500	.01500	.03349
.260	-1.000	.03550	.01030	.02090	.22510	.01506	-.00170	.00160	.00200	.01000	.03261
.260	-.000	.03460	.01050	.02110	.22480	.01510	-.00030	.00010	.00200	.00700	.03274
.260	.900	.03360	.01070	.02060	.22370	.01494	.00100	-.00130	-.01500	.01600	.03286
.260	2.000	.03250	.01080	.01980	.22310	.01402	.00240	-.00270	-.03400	.01500	.03392
.260	3.000	.03130	.01090	.01900	.22480	.01389	.00360	-.00410	-.00300	.02100	.03414
.260	5.000	.02870	.01060	.01600	.22750	.01136	.00670	-.00710	-.00100	.02600	.03464
.260	7.100	.02590	.01080	.01200	.23230	.00778	.01010	-.01050	-.02600	.03000	.03562
.260	9.120	.02400	.01080	.00740	.23820	.00332	.01430	-.01420	-.01600	.04000	.03707
.260	11.170	.02300	.01170	.00370	.24160	-.00192	.01900	-.01820	-.02700	.04600	.03892
GRADIENT		-.00099	.00013	-.00004	-.00029	.00065	.00138	-.00147	-.00178	.00004	-.00005

DATE 21 APR 75

TABULATED SOURCE DATA - CA1198

PAGE 23

CA1198 562C12P1CN7A2E W127E55V6 R3 X9

(RFS23) (18 NOV 74)

REFERENCE DATA

SREF = 2695.0100 SQ.FT. XREF = 1076.6800 INCHES
 LREF = 474.8100 INCHES YREF = .0000 INCHES
 BREF = 936.6800 INCHES ZREF = 373.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 SDFAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDRY = 23.000

RUN NO. 23/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CSL	CY	KCF/L	CAR
.260	-3.500	.02770	-.00150	-.01670	.48690	-.02359	-.00840	.01300	.09400	.63900	-.02450
.260	-3.640	.02580	-.00090	.02000	.48300	-.02071	-.00540	.00770	.05500	.63700	.03384
.260	-2.930	.02480	-.00060	.02090	.48310	-.02015	-.00410	.00530	.04200	.63600	.03373
.260	-1.030	.02390	-.00030	.02120	.48220	-.01973	-.00250	.00280	.02000	.63500	.03403
.260	.000	.02280	-.00040	.02140	.48200	-.01961	-.00100	.00040	.00300	.63500	.03392
.260	.990	.02180	-.00020	.02110	.48270	-.01950	.00030	-.00180	-.01300	.63500	.03378
.260	2.010	.02090	.00040	.02040	.48190	-.01959	.00190	-.00440	-.03200	.63500	.03360
.260	3.220	.02020	.00060	.01980	.48410	-.02061	.00340	-.00680	-.03000	.63700	.03369
.260	5.280	.01840	.00120	.01830	.48310	-.02307	.00620	-.01210	-.03700	.63900	.03524
.260	7.120	.01550	.00110	.01170	.48290	-.02587	.00590	-.01740	-.03500	.64100	.03709
.260	9.130	.01180	.00140	.00670	.48930	-.02861	.01250	-.02100	-.03000	.64700	.03883
.260	11.160	.01020	.00180	.00340	.50520	-.03243	.01610	-.02770	-.02500	.64900	.04119
.260	GRADIENT	-.00093	.00026	-.00005	.00009	.00005	.00144	-.00244	-.01791	.00000	.00003

DATE 01 MAR 75

TABULATED SOURCE DATA - CA1198

PAGE 24

CA1198 868C:2F1047A20 W127E35V8 R5 X9

(RFE24) (18 NOV 74)

REFERENCE DATA

SRF = 2652.0100 SQ.FT. XHRF = 1076.6800 INCHES
 LSRF = 474.8100 INCHES YHRF = .0000 INCHES
 BRF = 536.6800 INCHES ZHRF = 375.0000 INCHES
 SCALE = .0400 SCALE

ALPHA = 15.000 SDFLAF = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDERK = 25.000

PARAMETRIC DATA

RUN NO. 24/ 0 SNVL = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHNEI	CHNEG	CLM	CM	CAF	CVA	CBL	CY	XC/L	CAB
.200	-5.000	-.01210	-.01770	-.01480	.76750	-.06627	-.00330	.01300	.00000	.24500	.03778
.200	-3.000	-.01190	-.01830	-.01860	.76580	-.06389	-.00560	.00710	.00300	.24300	.03748
.200	-2.000	-.01130	-.01880	-.01920	.76570	-.06321	-.00420	.00430	.04500	.24300	.03859
.200	-1.000	-.01010	-.01920	-.01950	.76450	-.06258	-.00270	.00200	.02500	.24200	.03957
.200	-.000	-.00900	-.01920	-.01960	.76560	-.06267	-.00130	-.00020	.00000	.24200	.03981
.200	.000	-.00830	-.01850	-.01930	.76660	-.06226	.00000	.00240	-.01100	.24300	.03982
.200	2.000	-.00230	-.01680	-.01820	.76760	-.06306	.00150	-.00500	-.00900	.24300	.03935
.200	3.000	-.00090	-.01520	-.01650	.77070	-.06350	.00310	-.00780	-.04800	.24500	.03907
.200	5.000	-.00310	-.01110	-.01350	.77210	-.06435	.00520	-.01400	-.00300	.24500	.03759
.200	7.000	-.00410	-.00820	-.00690	.77950	-.06450	.00790	-.02060	-.01100	.24500	.03971
.200	9.000	-.00740	-.00690	-.00170	.78930	-.07196	.01340	-.02710	-.00000	.24500	.04064
.200	11.000	-.00500	-.00520	-.00670	.79530	-.07483	.01710	-.03350	-.00000	.24500	.04228
.200	GRADIENT	-.00174	.00559	-.00020	.00055	.00014	.00140	-.00256	-.01610	.20000	.00002

DATE 01 MAR 75

TABULATED SOURCE DATA - 041193

PAGE 23

CALLISE 582012FICHTN25 W12723316 PS X9

(RTS225) (18 NOV 74)

REFERENCE DATA

REF = 2590.0100 55.0 FT. XREF = 1076.0000 INCHES
LREF = 474.8100 INCHES YREF = .0000 INCHES
BREF = 936.6600 INCHES ZREF = 375.0000 INCHES
SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 20.000 SPFLAP = .000
ELV-LO = .000 ELV-HI = .000
ELV-RO = .000 ELV-BO = .000
RUDER = .000 SPDRSK = 25.000

RUN NO. 251 0 RNAL = 1.65 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CHNEI	CHNEO	CLW	CN	CAF	CYN	CEL	CV	XCP/L	CAS
.260	-3.110	-.01620	-.03610	.00740	1.07760	-.05698	-.01410	.01210	.11200	.54500	.04381
.260	-3.040	-.02240	-.03340	.00930	1.06910	-.05577	-.01160	.00490	.07800	.54500	.04424
.260	-2.060	-.02420	-.03210	.00850	1.06280	-.05501	-.00960	.00000	.05800	.54500	.04571
.260	-1.050	-.02440	-.03110	.00870	1.05310	-.05502	-.00810	-.00250	.04000	.54500	.04597
.260	-.030	-.02460	-.03050	.00920	1.04840	-.05593	-.00640	-.00000	.02100	.54500	.04588
.260	-.970	-.02560	-.03010	.00860	1.06710	-.05693	-.00560	-.00000	.00000	.54500	.04582
.260	2.000	-.02720	-.02920	.00700	1.02870	-.05783	-.00320	-.00000	-.04000	.54500	.04592
.260	3.020	-.02910	-.02920	.00620	1.09410	-.05812	-.00100	-.00000	-.03000	.54500	.04424
.260	5.060	-.02650	-.03280	.00200	1.09460	-.06121	.00100	-.00000	-.07100	.54500	.04288
.260	7.090	-.02190	-.03810	-.00790	1.10510	-.05922	.00490	-.00000	-.01000	.54500	.04578
.260	9.110	-.01630	-.04660	-.01620	1.11970	-.06004	.00970	-.00000	-.05600	.54500	.04841
.260	11.150	-.01060	-.05450	-.02620	1.13550	-.06076	.01420	-.00000	-.09000	.54500	.05041
GRADIENT		-.00100	-.00045	-.00050	.00175	-.00000	.00161	-.00024	-.00000	.00015	-.00004

CATE CI MAR 79

(72 NOV 71) (56364)

GA1155 B62C12F15M7 A28W127E55V8 R3 X29

REFERENCE DATA

SEEF = 265.9155 SQ.FT. YARE = 1076.6855 INCHES
LEEF = 474.8155 INCHES YARE = .0000 INCHES
2LEEF = 536.6855 INCHES YARE = 373.0000 INCHES
SCALE = 1/4"=1' SCALE

EST A
EST C
EST B
EST D

[illegible]

RECEIVED - CADA

$$2\pi/\sigma_{\text{eff}} = 1.85 \quad \text{GFACTEST INTERVAL} = -6.93 \quad 6.93$$
[illegible]

04.195 BEBCEPLOW7 NEGATIVEIVE PG 19

BEBCEPLOW7 (19 MAR 74)

REFERENCE DATA

DEEP = 2890.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES XMRP = .0000 INCHES
 DEEP = 986.6800 INCHES ZMRP = 371.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 BFLAP = .000 BFLAP1 = .000
 BFLAP2 = .000 BFLAP3 = .000
 BFLAP4 = .000 BFLAP5 = 23.000

RUN NO. 27/ 5 RNL = 1.85 GRADIENT INTERVAL = -6.02/ 6.22

WAVE	ALPHA	CHMET	CHMEQ	CLM	CN	CAP	CN	CEL	CN	KCP/L	LAS
.260	-10.620	.03700	.03210	.04400	-.58160	-.01704	.00700	.00700	-.00000	.68100	.02884
.260	-6.510	.04850	.02620	.04050	-.43960	-.00312	.00000	.00000	-.00000	.63000	.02395
.260	-6.360	.04460	.02420	.03660	-.34880	.01248	.00000	.00000	-.00000	.62000	.04022
.260	-4.250	.04340	.02590	.03790	-.24900	.02145	.00000	.00000	-.00000	.60000	.03840
.260	-2.120	.04230	.01850	.03710	-.14860	.02612	.00000	.00000	-.00000	.74000	.02071
.260	-.010	.04110	.01650	.03710	-.04950	.03226	.00000	.00000	-.00000	.82000	.03572
.260	8.280	.03950	.01460	.03740	.04950	.02548	.00000	.00000	-.00000	.75000	.03845
.260	4.210	.03950	.01250	.03790	.05720	.02237	.00000	.00000	-.00000	.85000	.03782
.260	6.330	.03590	.00910	.03750	.03140	.01277	.00000	.00000	-.00000	.59000	.03591
.260	8.440	.03550	.00460	.03600	.03570	-.00050	.00000	.00000	-.00000	.44000	.03709
.260	10.580	.02500	.00000	.03790	.45920	-.01631	.00000	.00000	-.00000	.82000	.03790
.260	12.720	.02390	-.00000	.04000	.54200	-.00000	.00000	.00000	-.00000	.82000	.03670
.260	14.850	.01520	-.01330	.03940	.57900	-.03015	.00000	.00000	-.00000	.82000	.03665
.260	17.000	.00440	-.02000	.03250	.50940	-.00000	.00000	.00000	-.00000	.82000	.04065
.260	19.170	-.00910	-.02330	.02860	.37140	-.03003	.00000	.00000	-.00000	.82000	.04061
.260	21.310	-.02270	-.02990	.02500	1.05900	-.00000	.00000	.00000	-.00000	.82000	.04061
.260	23.470	-.03810	-.04360	.02210	1.19300	-.00000	.00000	.00000	-.00000	.82000	.04061
.260	25.600	-.03700	-.05450	.02310	1.32200	-.00000	.00000	.00000	-.00000	.82000	.04061
.260	GRADIENT	-.00055	-.07097	.00072	.04721	.00000	.00000	.00000	-.00000	.82000	.04061

0A1198 002C12F10M16N20M127E55V0 R5 K29

(RP9020) (10 NOV 74)

REFERENCE DATA

PSEP = 2000.0100 50-FT. XMRP = 1076.6000 INCHES
 LREF = 474.0100 INCHES YMRP = .0000 INCHES
 BRFP = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0415 SCALE

PARAMETRIC DATA

BETA = .000 80FLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDRBK = 25.000

RUN NO. 28/ 0 RNAL = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CWNET	CWCEO	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.640	.03310	.03100	.03010	-.33070	-.01769	-.00030	.00050	.00000	.67300	.04000
.260	-8.490	.04470	.02800	.02740	-.42430	-.00365	.00000	.00060	-.00100	.67600	.03997
.260	-6.380	.04100	.02400	.02390	-.32480	.00971	.00010	.00040	-.00100	.68100	.03906
.260	-4.270	.04010	.02070	.02000	-.22350	.01994	.00010	.00050	-.00100	.69200	.03870
.260	-2.170	.03920	.01820	.02450	-.13430	.02597	.00020	.00050	-.00100	.71900	.03814
.260	.010	.03800	.01640	.02450	-.03540	.02799	.00000	.00030	.00000	.90600	.03744
.260	2.060	.03650	.01460	.02430	.05890	.02617	.00000	.00030	.00000	.50000	.03715
.260	4.150	.03570	.01250	.02440	.15630	.01033	-.00010	.00020	.00100	.59400	.03597
.260	6.330	.03280	.00900	.02370	.25320	.01042	-.00030	.00000	.00100	.61800	.03510
.260	8.430	.02760	.00450	.02240	.35350	-.00296	-.00040	.00020	.00200	.68900	.03315
.260	10.330	.02330	.00020	.02440	.45640	-.01813	-.00080	.00040	.00400	.63200	.03611
.260	12.710	.01800	-.00300	.02720	.55350	-.03453	-.00100	.00010	.00500	.63400	.03719
.260	14.820	.01300	-.01340	.02610	.66410	-.05124	-.00110	-.00020	.00700	.63700	.03967
.260	16.960	.00170	-.01990	.01930	.79220	-.06835	-.00140	-.00080	.00800	.64300	.04221
.260	19.140	-.01100	-.02300	.01480	.91890	-.08441	-.00260	-.00250	.01300	.64600	.04593
.260	21.280	-.02630	-.03060	.01180	1.03700	-.09109	-.00720	-.00630	.02200	.64800	.04988
.260	23.430	-.04220	-.04430	.00510	1.16050	-.09894	-.00610	-.00250	.01900	.65000	.05285
.260	25.580	-.06010	-.05580	.00490	1.27270	-.10836	-.00420	-.00340	.01700	.65000	.05752
GRADIENT		-.00333	-.00095	-.00007	.04556	.00005	-.00003	-.00004	.00024	-.01934	-.00031



DATE 01 MAR 79

TABULATED SOURCE DATA - CA1198

PAGE 29

041198 562C12F10M16N20W127E56V8 R5 10

(NF9029) (18 NOV 74)

REFERENCE DATA

STEP = 2000.0100 SQ.FT. WARP = 1076.6000 INCHES
 LREF = 174.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6000 INCHES ZPAR = 379.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDRK = 28.000

RUN NO. 29/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHWEI	CHWEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAS
.260	-13.670	.02890	.01330	.04360	-.55920	-.01908	-.00010	-.00040	-.00100	.68100	.03897
.260	-8.540	.02530	.01460	.04010	-.45220	-.00606	.00000	-.00010	-.00100	.68400	.03942
.260	-6.430	.02380	.01350	.03750	-.35220	.00872	.00010	.00000	-.00100	.69100	.03806
.260	-4.290	.02340	.01190	.03610	-.25370	.01866	.00020	.00010	-.00200	.70400	.03796
.260	-2.150	.02320	.01090	.03530	-.15320	.02562	.00030	.00000	-.00100	.73600	.03684
.260	-.030	.02300	.01020	.03510	-.06070	.02807	.00020	.00010	-.00100	.86400	.03611
.260	2.010	.02250	.00950	.03480	.03500	.02636	.00010	.00000	.00000	.28600	.03571
.260	4.180	.02160	.00820	.03460	.13750	.02009	.00020	.00000	.00000	.55900	.03509
.260	6.280	.02010	.00640	.03420	.23140	.01073	.00010	-.00020	.00000	.59700	.03441
.260	8.390	.01750	.00420	.03350	.33200	-.00248	.00000	-.00020	.00000	.61500	.03408
.260	10.530	.01410	.00170	.03350	.43570	-.01806	-.00010	-.00020	.00200	.62300	.03516
.260	12.670	.01050	.00000	.03320	.54200	-.03413	-.00030	-.00010	.00400	.62900	.03676
.260	14.810	.00650	-.00150	.02920	.66030	-.05162	-.00050	.00010	.00500	.63600	.03971
.260	16.970	.00180	-.00680	.02150	.78980	-.06921	-.00100	.00000	.00700	.64200	.04280
.260	19.140	-.00080	-.01290	.01400	.92080	-.08485	-.00200	-.00140	.01100	.64600	.04596
.260	21.300	-.00110	-.02120	.00810	1.04550	-.09255	-.00630	-.00470	.02000	.64900	.04950
.260	23.450	-.01070	-.02900	-.00210	1.17510	-.10016	-.00590	-.00130	.01800	.65200	.05354
.260	25.600	-.01410	-.03420	-.00220	1.28920	-.10958	-.00400	-.00230	.01600	.65200	.05783
GRADIENT		-.00020	-.00042	-.00017	.04605	.00017	-.00001	-.00001	.00024	-.03471	-.00033

0A1198 062C10P10H16N20U107E36V0 R5 X9

(18 NOV 74)

REFERENCE DATA

08ZF = 2490.0100 30.FT. XMRP = 1076.6800 INCHES
 LREF = 474.0100 INCHES YMRP = .0000 INCHES
 08ZF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 80FLAP = -12.000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 30/ 0 RN/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CIN21	CHMEO	CLM	CN	CAF	CYN	CBL	CV	XCP/L	CAP
.260	-10.880	.02700	.01400	.05850	-.57820	-.01699	-.00010	-.00040	-.00100	.68900	.04992
.260	-8.540	.02380	.01310	.05470	-.47290	-.00361	.00000	-.00020	-.00100	.69400	.04375
.260	-6.410	.02250	.01140	.05180	-.37130	.01001	.00000	.00000	.00000	.70300	.04333
.260	-4.320	.02150	.00990	.05050	-.27690	.02013	.00000	.00010	.00000	.71900	.04260
.260	-2.160	.02120	.00870	.05020	-.17730	.02723	-.00010	.00010	.00000	.75600	.04171
.260	-.570	.02080	.00800	.05020	-.08180	.02859	.00000	.00010	.00000	.87800	.04136
.260	2.540	.02040	.00730	.05040	.01430	.02782	.00000	.00010	.00000	-.64000	.04060
.260	4.180	.01960	.00630	.05030	.11170	.02223	-.00010	.00000	.00100	.48600	.03971
.260	6.320	.01820	.00510	.05040	.21040	.01244	-.00030	-.00020	.00200	.56400	.03870
.260	8.390	.01560	.00400	.04980	.30740	-.00036	-.00040	.00020	.00300	.59200	.03832
.260	10.520	.01230	.00160	.04990	.41090	-.01571	-.00070	-.00030	.00400	.60700	.03880
.260	12.670	.00870	.00050	.04970	.51830	-.03230	-.00090	.00000	.00500	.61600	.04021
.260	14.810	.00490	-.00020	.04600	.63520	-.04984	-.00110	.00000	.00700	.62500	.04240
.260	16.950	.00200	-.00660	.03820	.76400	-.06762	-.00140	.00000	.00900	.63300	.04481
.260	19.150	-.00320	-.01020	.03040	.89680	-.08356	-.00240	.00130	.01200	.63900	.04754
.260	21.270	-.00360	-.01750	.02500	1.02000	-.09422	-.00340	-.00360	.01900	.64300	.05095
.260	23.450	-.01060	-.02610	.01560	1.14890	-.10008	-.00580	-.00150	.01800	.64700	.05487
.260	25.560	-.01310	-.03130	.01380	1.26200	-.10976	-.00420	-.00150	.01700	.64800	.05939
.260	GRADIENT	-.00022	-.00041	-.00001	.04570	.00023	-.00060	-.00001	.00009	-.08743	-.00033



DATE 01 MAR 75

TABULATED SOURCE DATA - CA1188

PAGE 31

CA1188 868C12F10M10N20M12/ESSV8 R5 X9

(NF9031) (18 NOV 74)

REFERENCE DATA

REF = 2090.0100 30.FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = -10.000 SPOBRK = 25.000

RUN NO. 31/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHMEO	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.630	.05180	.03160	.03170	-.52620	-.01493	.01620	-.00990	-.03500	.67400	.04239
.260	-8.500	.04360	.02790	.02930	-.42640	-.00151	.01620	-.00950	-.03500	.67700	.04181
.260	-6.390	.04000	.02390	.02730	-.38670	.01208	.01590	-.00930	-.03400	.68900	.04100
.260	-4.230	.03900	.02060	.02640	-.23060	.02236	.01570	-.00910	-.03400	.69400	.04027
.260	-2.140	.03020	.01800	.02610	-.13530	.02808	.01530	-.00880	-.03300	.72300	.03973
.260	-.050	.03700	.01620	.02590	-.04090	.03015	.01500	-.00860	-.03200	.88500	.03912
.260	2.090	.03600	.01440	.02560	.05760	.02826	.01460	-.00840	-.03100	.48700	.03849
.260	4.180	.03480	.01220	.02600	.15460	.02200	.01400	-.00830	-.02800	.59000	.03784
.260	6.310	.03230	.00900	.02570	.25060	.01299	.01330	-.00810	-.02600	.61400	.03627
.260	8.410	.02730	.00460	.02430	.34990	-.00044	.01270	-.00790	-.02400	.62600	.03618
.260	10.560	.02240	.00020	.02580	.45180	-.01639	.01210	-.00750	-.02200	.63100	.03697
.260	12.700	.01730	-.00490	.02840	.53320	-.03269	.01160	-.00760	-.02000	.63300	.03849
.260	14.820	.01230	-.01340	.02800	.62290	-.04961	.01140	-.00740	-.01800	.63600	.04051
.260	16.990	.00190	-.02040	.02140	.79140	-.06787	.01110	-.00830	-.01700	.64200	.04394
.260	19.130	-.01230	-.02320	.01630	.91620	-.08338	.00980	-.00980	-.01200	.64500	.04693
.260	21.300	-.02770	-.03100	.01340	1.03280	-.08968	.00510	-.01300	-.00200	.64700	.05029
.260	23.430	-.04480	-.04490	.00670	1.15730	-.09708	.00690	-.01030	-.00700	.65000	.05357
.260	25.580	-.04090	-.03510	.00380	1.27530	-.10654	.00880	-.01010	-.00900	.65100	.05611
GRADIENT		-.00050	-.00097	-.00005	.04568	-.00003	-.00019	.00009	-.00066	-.02110	-.00029

941198 080C12P10M10M20M127E55V8 R5 X9

(NF932) (18 NOV 74)

REFERENCE DATA

BRP = 809.9100 94.77. XMRP = 1076.6800 INCHES
 LRP = 474.8100 INCHES YMRP = .0000 INCHES
 BRP = 936.6800 INCHES ZMRP = 379.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BOFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = -10.000 SPDRBK = 29.000

RUN NO. 32/ 0 RW/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMET	CHMEO	CLM	CN	CAP	CYN	CBL	CY	XCP/L	CAB
.260	-5.100	.04210	.01640	.02140	-.03090	.02603	.00730	-.00420	.03900	.90700	.04042
.260	-3.060	.04020	.01630	.02450	-.03450	.02900	.01020	-.00390	.02400	.91400	.04000
.260	-2.060	.03920	.01620	.02550	-.03340	.03048	.01150	-.00870	.00600	.91700	.03912
.260	-1.530	.03810	.01620	.02610	-.03700	.03005	.01290	-.00750	-.01100	.91100	.03916
.260	-.240	.03710	.01620	.02650	-.03750	.03076	.01440	-.00830	-.03000	.91000	.03906
.260	.580	.03610	.01610	.02590	-.03820	.03058	.01580	-.00910	-.04800	.90100	.03880
.260	1.990	.03500	.01610	.02500	-.03700	.02987	.01720	-.00980	-.06500	.90000	.03922
.260	3.050	.03400	.01610	.02390	-.03610	.02912	.01860	-.01050	-.06400	.89500	.03933
.260	5.260	.03220	.01600	.02050	-.03220	.02600	.02170	-.01220	-.12100	.88600	.03953
.260	7.110	.03040	.01600	.01640	-.02690	.02164	.02480	-.01390	-.15800	.87600	.04041
.260	9.100	.02900	.01600	.01160	-.02160	.01661	.02790	-.01550	-.19400	.84900	.04145
.260	11.170	.02740	.01600	.00800	-.01430	.01184	.03060	-.01670	-.23100	.86000	.04302
GRADIENT	-.00099	-.00024	-.00010	-.00010	-.00020	-.00002	.00141	-.00078	-.01776	-.00261	-.00008



041108 062C127104162804127E5398 R5 X9

(NF9033) (18 NOV 74)

REFERENCE DATA

WREF = 2695.0100 SQ.FT. WREF = 1076.6000 INCHES
LREF = 474.8100 INCHES YREF = .0000 INCHES
BREF = 936.6000 INCHES ZREF = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BOFLAP = .000
ELV-LO = .000 ELV-LI = .000
ELV-RI = .000 ELV-RO = .000
RUDDER = -10.000 SPDBRK = 25.000

RUN NO. 33/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAS
.260	-5.100	.03810	.00950	.02130	.21030	.01378	.00390	-.00060	.96300	.61480	.03972
.260	-3.060	.03660	.00980	.02470	.20770	.01658	.00860	-.00360	.02900	.60800	.03828
.260	-2.050	.03370	.01010	.02560	.20500	.01769	.01000	-.00520	.01100	.60600	.03614
.260	-1.020	.03480	.01020	.02610	.20380	.01763	.01180	-.00650	-.00800	.60500	.03760
.260	-.030	.03390	.01040	.02620	.20390	.01789	.01310	-.00800	-.02500	.60400	.03730
.260	.970	.03270	.01060	.02530	.20450	.01785	.01470	-.00960	-.04400	.60600	.03718
.260	1.990	.03150	.01070	.02440	.20340	.01690	.01610	-.01090	-.05200	.60800	.03630
.260	3.010	.03020	.01080	.02310	.20370	.01675	.01740	-.01230	-.08000	.61000	.03796
.260	5.050	.02750	.01070	.01980	.21000	.01392	.02000	-.01500	-.11500	.61700	.03981
.260	7.090	.02480	.01070	.01550	.21450	.00973	.02360	-.01830	-.15300	.62500	.04099
.260	9.100	.02280	.01080	.01100	.22060	.00520	.02710	-.02160	-.19100	.63300	.04198
.260	11.120	.02200	.01170	.00910	.22580	.00109	.03030	-.02490	-.22800	.63700	.04353
GRADIENT		-.00105	.00013	-.00020	-.00008	-.00000	.00142	-.00142	-.01770	.00033	-.00001

DATE 01 MAR 75

TABULATED SOURCE DATA - GA1198

PAGE 34

0A1198 062C12P1DM16M20M127E33V8 R5 X9

(R59034) (18 NOV 74)

REFERENCE DATA

SRP = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BRP = 936.6850 INCHES ZMRP = 375.0000 INCHES
 SCALE = .5405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BOFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = -10.000 SPDBRK = 25.000

RUN NO. 34/ 0 RN/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAP	CYN	CBL	CY	XCF/L	CAB
.260	-3.100	.02710	-.00160	.37080	.45770	-.01985	.00390	.00490	.06800	.63500	.03920
.260	-3.540	.02520	-.00110	.02460	.45490	-.01770	.00720	-.00010	.03300	.63200	.03793
.260	-2.950	.02430	-.00060	.02550	.45480	-.01676	.00830	-.00250	.01600	.63100	.03808
.260	-1.530	.02320	-.00030	.02630	.45380	-.01612	.01030	-.00490	-.00300	.63000	.03695
.260	-.030	.02200	-.00010	.02600	.45350	-.01568	.01180	-.00740	-.02000	.63100	.03654
.260	.970	.02070	.00000	.02540	.45470	-.01589	.01310	-.00970	-.03800	.63100	.03689
.260	1.990	.01990	.00060	.02420	.45540	-.01581	.01460	-.01220	-.05600	.63200	.03678
.260	3.050	.01930	.00100	.02330	.45660	-.01669	.01590	-.01460	-.07400	.63300	.03629
.260	5.030	.01720	.00130	.01990	.46050	-.01826	.01890	-.01960	-.11100	.63600	.03668
.260	7.080	.01420	.00120	.01330	.46610	-.02172	.02150	-.02420	-.14600	.64000	.04108
.260	9.150	.01090	.00140	.01050	.47220	-.02586	.02430	-.02840	-.18200	.64400	.04360
.260	11.130	.00950	.00180	.00800	.47640	-.02909	.02770	-.03290	-.22000	.64600	.04570
.260	GRADIENT	-.00100	.00030	-.00015	.00027	.00017	.00148	-.00241	-.01769	.00014	-.00013

041198 062C12F10H16N20W127E55V8 R5 X9

(RP9035) (18 NOV 74)

REFERENCE DATA

SREF = 2490.0100 89.FT. XMRP = 1076.6800 INCHES
LREF = 474.9100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 379.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BUFLAP = .000
ELV-LO = .000 ELV-LI = .000
ELV-RI = .000 ELV-RO = .000
RUDDER = -10.000 SPOBRK = 25.000

RUN NO. 35/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CWMEI	CWCEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-5.080	.01140	-.01760	.01960	.72900	-.06145	.00360	.00520	.07300	.64200	.04125
.260	-3.030	.01150	-.01830	.02280	.72800	-.05929	.00610	-.00040	.03900	.64000	.04177
.260	-2.030	.01110	-.01880	.02380	.72800	-.05921	.00770	-.00290	.02100	.64000	.04256
.260	-1.040	.00980	-.01920	.02480	.72740	-.05900	.00940	-.00530	.00200	.63900	.04271
.260	-.010	.00740	-.01920	.02490	.72640	-.05787	.01090	-.00750	-.01600	.63900	.04188
.260	.970	.00420	-.01870	.02440	.72960	-.05847	.01240	-.00970	-.03500	.64000	.04220
.260	1.990	.00110	-.01700	.02270	.73090	-.05830	.01400	-.01210	-.05300	.64000	.04093
.260	3.010	-.00160	-.01350	.02110	.73370	-.05884	.01500	-.01480	-.07000	.64100	.04033
.260	5.080	-.00380	-.01140	.01740	.73520	-.06009	.01680	-.02080	-.10300	.64300	.03939
.260	7.080	-.00510	-.00840	.01040	.74240	-.06342	.01940	-.02690	-.13900	.64700	.04308
.260	9.120	-.00650	-.00720	.00360	.75310	-.06634	.02380	-.03300	-.18000	.65000	.04404
.260	11.160	-.00570	-.00370	-.00190	.76030	-.07053	.02640	-.03830	-.21400	.65300	.04722
.260	GRADIENT	-.00170	.00056	-.00024	.00071	.00013	.00137	-.00248	-.01783	.00011	-.00021

QAI198 068C18P10M16H26M18T23SV6 R5 X9

(R09036) (18 NOV 74)

REFERENCE DATA

BRP = 2690.0100 50-PT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BRP = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 20.000 80FLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = -10.000 SPDRK = 25.000

RUN NO. 36/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMET	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAS
.260	-5.080	-.01920	-.03690	.01050	1.02800	-.08765	-.00240	.00280	.08700	.64800	.04703
.260	-3.510	-.02360	-.03430	.01190	1.03590	-.08746	.00060	-.00350	.05200	.64800	.04973
.260	-2.540	-.02370	-.03300	.01300	1.03590	-.08756	.00220	-.00650	.03400	.64700	.03026
.260	-1.530	-.02610	-.03140	.01340	1.03670	-.08861	.00370	-.00950	.01600	.64700	.03032
.260	-.510	-.02860	-.03070	.01360	1.03680	-.08928	.00520	-.01270	-.00100	.64700	.03032
.260	1.000	-.02720	-.03030	.01400	1.03930	-.09050	.00640	-.01590	-.01900	.64700	.03035
.260	2.040	-.02850	-.02940	.01300	1.04100	-.09095	.00800	-.01800	-.03700	.64700	.04957
.260	3.030	-.02950	-.02930	.01100	1.04460	-.09223	.00530	-.02180	-.03500	.64800	.04914
.260	5.30	-.02640	-.03220	.00640	1.04890	-.09372	.01220	-.02740	-.09100	.63000	.04630
.260	7.110	-.02160	-.03890	-.00350	1.05820	-.09867	.01580	-.03280	-.13000	.63000	.04904
.260	9.120	-.01640	-.04680	-.01300	1.07100	-.10010	.02010	-.03860	-.17200	.63800	.03179
.260	11.160	-.01060	-.05490	-.02310	1.08300	-.10325	.02320	-.04340	-.21100	.66000	.05394
GRADIENT	-.00075	-.00059	-.00029	-.00029	.00185	-.00080	.00144	-.00300	-.01757	.00013	-.00009

041198 868C12P10H10M20W187E33V8 R5 X9

(NF3037) (18 NOV 74)

REFERENCE DATA

SRF = 2690.0190 30.FT. ZMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES ZMRP = .0000 INCHES
 SRP = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RC = .000
 RUDDER = -10.000 SPDRK = 55.000

RUN NO. 37/ 0 RW/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHNEZ	CHNEQ	CLM	CN	CAP	CYN	CBL	CY	XCP/L	CAS
.260	-10.640	.03200	.03160	.05050	-.54333	-.00222	.01210	-.00750	-.02900	.68600	.04876
.260	-8.510	.04400	.02610	.04800	-.43990	.01168	.01260	-.00710	-.02600	.69200	.04838
.260	-6.380	.04030	.02400	.04670	-.34070	.02565	.01240	-.00690	-.02600	.70200	.04754
.260	-4.250	.03930	.02080	.04620	-.24610	.03640	.01220	-.00670	-.02700	.72100	.04619
.260	-2.160	.03850	.01810	.04660	-.15080	.04216	.01200	-.00650	-.02700	.76600	.04474
.260	-.060	.03730	.01640	.04670	-.05600	.04544	.01150	-.00630	-.02550	.95900	.04423
.260	2.060	.03620	.01460	.04760	.04030	.04383	.01110	-.00610	-.02500	.21400	.04273
.260	4.180	.03510	.01240	.04720	.13870	.03856	.01060	-.00600	-.02300	.52700	.04099
.260	6.300	.03250	.00910	.04760	.23590	.02866	.00990	-.00560	-.02100	.57700	.04076
.260	8.410	.02740	.00460	.04700	.33580	.01630	.00920	-.00540	-.01800	.60000	.03930
.260	10.560	.02240	.00030	.04820	.43600	.00039	.00850	-.00510	-.01500	.61100	.04023
.260	12.670	.01730	-.00480	.05060	.53830	-.01591	.00820	-.00530	-.01400	.61700	.04106
.260	14.820	.01250	-.01330	.05090	.64880	-.03301	.00800	-.00510	-.01300	.62300	.04374
.260	16.960	.00990	-.01990	.04260	.77630	-.05108	.00770	-.00600	-.01000	.63200	.04715
.260	19.140	-.01270	-.02260	.03710	.90310	-.06806	.00630	-.00740	-.00600	.63700	.05000
.260	21.290	-.02720	-.03050	.03280	1.02050	-.07496	.00210	-.01070	.00300	.64000	.05361
.260	23.440	-.04350	-.04400	.02320	1.14740	-.08408	.00360	-.00740	.00000	.64400	.05716
.260	25.580	-.03950	-.05340	.02340	1.26010	-.09397	.00310	-.00860	-.00100	.64500	.06134
GRADIENT		-.00051	-.00096	.00014	.34539	.00028	-.00019	.00009	.00047	-.04443	-.05059

041198 080C18F10N16N20W127E35V8 R5 X9

(RP9038) (18 NOV 74)

REFERENCE DATA

BRZF = 2800.0100 90.FT. XMRP = 1076.6000 INCHES
 LBRZF = 474.8100 INCHES YMRP = .0000 INCHES
 BRZF = 930.6000 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 DBFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = -10.000 SPDREK = 53.000

RUN NO. 38/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-5.000	.04210	.01660	.04350	-.04600	.04146	.00500	-.00330	.06100	1.00000	.04991
.260	-3.040	.04020	.01650	.04590	-.05040	.04467	.00840	-.02460	.02600	.97000	.04490
.260	-2.030	.03920	.01640	.04680	-.05120	.04500	.00960	-.00320	.00800	.98900	.04446
.260	-1.010	.03820	.01640	.04750	-.05180	.04621	.01060	-.00580	-.00800	.98900	.04333
.260	.000	.03720	.01630	.04700	-.05310	.04587	.01170	-.02630	-.02500	.97800	.04346
.260	1.020	.03620	.01620	.04640	-.05230	.04561	.01290	-.00680	-.04300	.97800	.04297
.260	2.020	.03510	.01620	.04520	-.05250	.04448	.01490	-.00750	-.06000	.96900	.04345
.260	3.030	.03410	.01620	.04390	-.05040	.04317	.01540	-.00820	-.07900	.97200	.04334
.260	5.070	.03230	.01610	.04110	-.04750	.04049	.01860	-.00980	-.11600	.97100	.04302
.260	7.120	.03060	.01610	.03620	-.04150	.03598	.02200	-.01170	-.15300	.97300	.04296
.260	9.140	.02890	.01610	.03220	-.03440	.03110	.02370	-.01350	-.17100	.99700	.04363
.260	11.160	.02740	.01600	.02820	-.02770	.02557	.02860	-.01490	-.22800	1.02600	.04619
.260	GRADIENT	-.00098	-.00003	-.00028	-.00013	-.00014	.00121	-.00062	-.01733	-.00302	-.00028

DATE 01 MAR 75

TABULATED SOURCE DATA - 041198

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041198 862C18F12M16N26M127E33V8 R5 X9

(RFB839) (18 NOV 74)

REFERENCE DATA

SREF = 2600.0100 SQ.FT. XMRP = 1076.6000 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6000 INCHES ZMRP = 379.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BCFAP = .000
ELV-LO = .000 ELV-LI = .000
ELV-RI = .000 ELV-RO = .000
RUDDER = -10.000 SPDRK = 55.000

RUN NO. 39/ 0 RM/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMET	CHMEO	CLM	CN	CAF	CYN	CBL	CY	KCP/L	CAB
.260	-5.050	.03630	.00970	.04090	.19390	.02808	.00380	.00030	.06700	.57300	.04609
.260	-3.030	.03670	.01010	.04450	.19220	.03196	.00640	-.00210	.03200	.57700	.04373
.260	-2.030	.03580	.01030	.04630	.19020	.03336	.00770	-.00330	.01300	.56200	.04293
.260	-1.000	.03500	.01050	.04850	.18760	.03485	.00880	-.00460	.00300	.55700	.04134
.260	.010	.03410	.01070	.04800	.18870	.03458	.01020	-.00590	-.02100	.58000	.04060
.260	1.020	.03290	.01080	.04700	.18920	.03383	.01150	-.00720	-.03900	.56500	.04087
.260	2.020	.03170	.01090	.04520	.19030	.03218	.01270	-.00850	-.05700	.54400	.04172
.260	3.030	.03030	.01100	.04330	.19150	.03099	.01420	-.00990	-.07500	.52000	.04225
.260	5.070	.02760	.01100	.03890	.19570	.02755	.01730	-.01280	-.11200	.57900	.04287
.260	7.110	.02490	.01090	.03570	.19960	.02438	.02060	-.01590	-.14800	.58600	.04310
.260	9.120	.02290	.01100	.03130	.20450	.01974	.02460	-.01950	-.18600	.59500	.04392
.260	11.180	.02200	.01200	.02920	.20850	.01920	.02760	-.02220	-.22300	.60000	.04554
GRADIENT		-.00105	.00014	-.00022	-.00002	-.00011	.00131	-.00130	-.01760	.00042	-.00030

QJ1198 862C12F10M16N28M127E33V8 R5 X9

(RFB940) (18 NOV 74)

REFERENCE DATA

SREF = 2889.0100 36.77. XMRP = 1076.6800 INCHES
 LREF = 474.0100 INCHES YMRP = .0000 INCHES
 SREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDPLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDEK = -10.000 SPDERR = 55.000

RUN NO. 48/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CHME1	CHME2	CHME3	CHME4	CLM	CN	CAP	CYN	CBL	CV	KCP/L	CAB
.260	-5.060	.02730	-.00150	.03940	.44600	.00220	.00610	.07100	.03600	.01900	.61400	.04521	
.260	-3.020	.02560	-.00100	.04520	.44500	.00480	.00160	.03600	.01900	.61400	.04521	.04201	
.260	-2.030	.02430	-.00060	.04750	.44010	.00600	.00050	.03600	.01900	.61400	.04521	.04180	
.260	-1.000	.02330	-.00010	.04890	.43650	.00740	.00290	.03600	.01900	.61400	.04521	.04029	
.260	.000	.02230	.00000	.04800	.43020	.00890	.00500	.03600	.01900	.61400	.04521	.04006	
.260	1.000	.02110	.00020	.04780	.43090	.00990	.00730	.03600	.01900	.61400	.04521	.03970	
.260	2.020	.02030	.00070	.04510	.44110	.01170	.00970	.03600	.01900	.61400	.04521	.03991	
.260	3.040	.01960	.00120	.04370	.44330	.01260	.01200	.03600	.01900	.61400	.04521	.03950	
.260	5.090	.01740	.00160	.03920	.44660	.01610	.01710	.03600	.01900	.61400	.04521	.04061	
.260	7.110	.01450	.00190	.03400	.45240	.01940	.02190	.03600	.01900	.61400	.04521	.04265	
.260	9.130	.01110	.00170	.02900	.45930	.02280	.02690	.03600	.01900	.61400	.04521	.04501	
.260	11.170	.00980	.00200	.02570	.46370	.02550	.03050	.03600	.01900	.61400	.04521	.04703	
GRADIENT	-.00098	.00032	-.00015	.00021	.00011	.00136	.00227	.001735	.00314	.00344	.00344	.00344	



DATE 01 MAR 75

TABULATED SOURCE DATA - Q41198

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Q41198 868C18F10M16N26W127E55V8 R5 X9

(RFP9041) (13 NOV 74)

REFERENCE DATA

BREF = 2690.0100 80-FT. XMRP = 1076.6800 INCHES
 LREF = 474.0100 INCHES YMRP = .0000 INCHES
 SREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 19.000 BOFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = -10.000 SPDRCK = 95.000

RUN NO. 41/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CHME1	CHME0	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAS
.260	-5.060	.01150	-.01770	.04140	.71900	-.04582	.00200	.00660	.07500	.63000	.04453
.260	-3.030	.01170	-.01800	.04410	.71420	-.04418	.00350	.00130	.04400	.62900	.04568
.260	-2.030	.01120	-.01860	.04570	.71410	-.04312	.00500	-.00100	.02500	.62000	.04506
.260	-1.010	.00970	-.01890	.04710	.71300	-.04243	.00650	-.00320	.00700	.62700	.04529
.260	.000	.00710	-.01920	.04710	.71340	-.04194	.00800	-.00520	-.01100	.62000	.04432
.260	1.010	.00410	-.01840	.04900	.71820	-.04314	.00960	-.00760	-.03200	.62900	.04486
.260	2.040	.00130	-.01680	.04190	.71920	-.04406	.01100	-.01000	-.04600	.63000	.04302
.260	3.540	-.00170	-.01510	.04000	.72110	-.04463	.01240	-.01250	-.06700	.63100	.04208
.260	5.080	-.00370	-.01100	.03750	.72600	-.04544	.01340	-.01800	-.09800	.63300	.04198
.260	7.110	-.00490	-.00820	.03020	.73110	-.04987	.01670	-.02440	-.13500	.63700	.04472
.260	9.130	-.00600	-.00690	.02260	.74100	-.05291	.02200	-.03130	-.17700	.64100	.04312
.260	11.160	-.00530	-.00350	.01470	.74920	-.05631	.02470	-.03630	-.21200	.64500	.04798
.260	GRADIENT	-.00180	.00059	-.00033	.00093	-.00003	.00125	-.00236	-.01747	.00034	-.00033

2A1198 062C12712M14M20M127E5V8 R5 X9

(NF9042) (10 NOV 74)

REFERENCE DATA

HRP = 2098.0100 30.FT. HMRP = 1076.6800 INCHES
 LHRP = 474.8100 INCHES YMRP = .0000 INCHES
 HRP = 936.6800 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = .000
 E'V-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = -10.000 SPDRNK = 99.000

RUN NO. 42/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MAC	BETA	CHMEI	CHMEQ	CLN	CN	CAF	CYN	CBL	CV	KCP/L	CAB
.260	-3.080	-.01800	-.03610	.03150	1.01820	-.07354	-.00360	.00440	.08900	.64000	.04926
.265	-3.030	-.02350	-.03340	.03420	1.01780	-.07227	-.00170	-.00150	.03700	.63900	.05193
.265	-2.080	-.02480	-.03190	.03420	1.01940	-.07345	-.00050	-.00420	.03900	.63900	.05326
.265	-1.030	-.02550	-.03070	.03390	1.01990	-.07415	.00090	-.00730	.02200	.64000	.05369
.265	-.010	-.02580	-.03000	.03370	1.02210	-.07527	.00230	-.01050	.00300	.64000	.05353
.265	1.010	-.02650	-.02960	.03270	1.02300	-.07680	.00380	-.01370	-.01400	.64000	.05326
.265	2.020	-.02800	-.02800	.03040	1.02750	-.07897	.00520	-.01640	-.03300	.64100	.05349
.265	3.020	-.02920	-.02900	.02780	1.03010	-.07976	.00650	-.01930	-.05000	.64200	.05126
.265	5.070	-.02610	-.03220	.02560	1.03310	-.08163	.00800	-.02480	-.08400	.64300	.04820
.265	7.100	-.02150	-.03820	.01480	1.04330	-.08522	.01250	-.03050	-.12400	.64700	.05099
.265	9.120	-.01610	-.04690	.00480	1.05910	-.08695	.01760	-.03660	-.16700	.65000	.05310
.265	11.160	-.01080	-.05550	-.00720	1.07480	-.08933	.02170	-.04220	-.20700	.65400	.05491
GRADIENT	-.00077	-.00030	-.00030	-.00073	.00178	-.00037	.00122	-.00291	-.01727	.00035	-.00009

PARAMETRIC DATA

BETA	=	.000	BOFLAP	=	.000
ELV-LO	=	.000	ELV-LI	=	.000
ELV-RI	=	.000	ELV-RO	=	.000
SLUDGER	=	.000	SPDRBK	=	\$5,000

REFERENCE DATA

LAYER = 2000.0100 SO.FT. WARP = 1078.6000 INCHES
 LAYER = 474.8100 INCHES WARP = .0000 INCHES
 LAYER = 936.6000 INCHES WARP = 378.0000 INCHES
 SCALE = .0405 SCALE

Variable	Estimate	Standard Error	t-Statistic	Probability > t	Gradient Interval	Lower Bound	Upper Bound
Intercept	1.0000	0.0000	1.0000	1.0000	0.0000	0.0000	0.0000
Variable 1	0.5000	0.0000	0.5000	1.0000	0.0000	0.0000	0.0000
Variable 2	-0.5000	0.0000	-0.5000	1.0000	0.0000	0.0000	0.0000
Variable 3	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 4	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 5	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 6	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 7	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 8	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 9	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 10	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 11	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 12	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 13	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 14	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 15	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 16	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 17	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 18	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 19	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 20	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 21	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 22	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 23	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 24	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 25	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 26	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 27	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 28	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 29	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 30	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 31	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 32	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 33	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 34	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 35	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 36	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 37	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 38	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
Variable 39	0.0000	0.0000	0.0000	1.0000	0.0000	0.	

[illegible]

DATE 01 MAR 78

TABULATED SOURCE DATA - QJ1198

PAGE 44

2A1198 982C12P10M16N20W127E35S8 RS X9

(RP9844) (18 NOV 74)

REFERENCE DATA

BRZF = 2099.0100 50.FT. XMRP = 1076.0000 INCHES
 LBZF = 474.8100 INCHES YMRP = .0000 INCHES
 BRZF = 936.0000 INCHES ZMRP = 373.0000 INCHES
 SCALE = .5405 SCALE

PARAMETRIC DATA

ALPHA = .000 SCFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-HI = .000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 99.000

RUN NO. 44/ 0 RN/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CMHET	CMHCO	CLM	CN	CAP	CYN	CEL	CV	XCP/L	CAB
.260	-1.280	.04210	.01640	.04320	-.04330	.04127	-.00660	.00420	.00000	1.00300	.04399
.265	-3.540	.04020	.01630	.04560	-.04020	.04406	-.00360	.00240	.05200	1.00000	.04482
.269	-2.540	.03930	.01620	.04700	-.03140	.04474	-.00290	.00170	.03400	.98800	.04458
.269	-1.520	.03820	.01620	.04700	-.03230	.04535	-.00140	.00110	.01700	.98800	.04408
.269	-.510	.03720	.01610	.04830	-.03730	.04560	-.00030	.00060	.00000	.98600	.04379
.269	.990	.03610	.01600	.04820	-.03300	.04534	.00080	.00000	-.01700	.98700	.04319
.269	2.000	.03510	.01600	.04760	-.03230	.04464	.00190	-.00120	-.03400	.98500	.04355
.269	3.010	.03400	.01590	.04640	-.03220	.04413	.00340	-.00120	-.05300	.97900	.04319
.269	4.060	.03210	.01590	.04530	-.03020	.04197	.00700	-.00310	-.06100	.96400	.04311
.269	7.100	.03050	.01590	.04090	-.04620	.03760	.01050	-.00500	-.12600	.97800	.04396
.269	9.100	.02890	.01590	.03450	-.04900	.03115	.01520	-.00740	-.16900	.97700	.04404
.269	11.130	.02730	.01580	.02800	-.03140	.02365	.01870	-.00920	-.20600	.99000	.04634
.269	GRADIENT	-.00100	-.00003	.00018	-.00050	.00005	.00127	-.00067	-.01746	-.00209	-.00028



DATE 01 MAR 73

TABULATED SOURCE DATA - QJ1198

PAGE 45

QJ1198 868C18710M16M24127535V8 R5 X9

(RF9045) (18 NOV 74)

REFERENCE DATA

REF = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 379.0000 INCHES
SCALE = .0495 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BDFLAP = .000
ELV-LO = .000 ELV-LI = .000
ELV-RI = .000 ELV-RO = .000
RUDDER = .000 SPDRK = 55.000

RUN NO. 45/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHME1	CHME2	CLM	CN	CAF	CYN	CBL	CY	KCP/L	CAB
.260	-1.080	.03610	.00950	.03960	.19600	.02733	-.00750	.00760	.09000	.57800	.04808
.260	-3.040	.03650	.01000	.04310	.19370	.02958	-.00450	.00430	.05400	.57000	.04513
.260	-2.040	.03570	.01020	.04470	.19140	.03134	-.00320	.00290	.03700	.56600	.04361
.260	-1.920	.03490	.01030	.04760	.18910	.03282	-.00200	.00160	.02000	.55900	.04246
.260	-.910	.03390	.01050	.04830	.18730	.03329	-.00070	.00040	.00200	.55700	.04092
.260	1.000	.03270	.01060	.04820	.18540	.03324	.00040	-.00080	-.01500	.55800	.04132
.260	2.000	.03150	.01080	.04660	.18350	.03290	.00160	-.00210	-.03300	.56100	.04174
.260	3.930	.03010	.01090	.04480	.18140	.03145	.00330	-.00360	-.05100	.56300	.04258
.260	5.970	.02730	.01080	.04270	.19100	.02936	.00670	-.00660	-.09000	.57000	.04326
.260	7.100	.02470	.01060	.03900	.19300	.02511	.01010	-.00980	-.12700	.57800	.04405
.260	9.110	.02270	.01090	.03380	.20160	.02013	.01440	-.01360	-.16000	.59000	.04500
.260	11.140	.02240	.01180	.02900	.20780	.01458	.01910	-.01760	-.20500	.60000	.04639
GRADIENT	-.00106	.00014	.00032	.00032	-.00061	.00024	.00133	-.00135	-.01758	-.00063	-.00034

(INF9046) (18 NOV 74)

9A1198 868C12710M1828W12723SV8 RS X9

PARAMETRIC DATA

ALPHA = 10.000 90FLAP = .000
ELV-LO = .000 ELV-LI = .000
ELV-RI = .000 ELV-RO = .000
RUDDER = .000 SPDBRK = 55.000

REFERENCE DATA

WREF = 2690.0100 36.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 938.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0400 SCALE

RUN NO. 46/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-5.000	.02810	-.00190	.03740	.44690	-.00712	-.00870	-.01250	.09100	.62100	.04565
.260	-3.000	.02680	-.00160	.04390	.44140	-.00389	-.00530	.00760	.05600	.61500	.04233
.260	-2.040	.02520	-.00110	.04590	.43190	-.00212	-.00400	.00520	.03900	.61300	.04198
.260	-1.010	.02320	-.00030	.04820	.43850	-.00071	-.00260	.00270	.02200	.61100	.04049
.260	.000	.02190	.00000	.04830	.43760	-.00044	-.00150	.00050	.00500	.61100	.03993
.260	.950	.02080	.00020	.04780	.43760	-.00047	-.00030	-.00160	-.01100	.61200	.04048
.260	2.000	.01990	.00070	.04680	.44020	-.00078	.00110	-.00390	-.03000	.61300	.04082
.260	3.000	.01920	.00120	.04540	.44080	-.00121	.00250	-.00640	-.04800	.61400	.04008
.260	5.070	.01710	.00150	.04200	.44400	-.00317	.00600	-.01160	-.08500	.61700	.04168
.260	7.000	.01430	.00140	.03590	.44940	-.00751	.00950	-.01630	-.12300	.62200	.04314
.260	5.120	.01090	.00160	.03080	.45580	-.01193	.01380	-.02150	-.16200	.62700	.04586
.260	11.150	.00350	.00180	.02470	.46270	-.01731	.01780	-.02640	-.20000	.63200	.04782
	GRADIENT	-.00115	.00037	.00036	-.00021	.00039	.00139	-.00234	-.01727	-.00028	-.00037

ORIGINAL PAGE IS
OF POOR QUALITY



DATE 01 MAR 75

TABULATED SOURCE DATA - CA1198

PAGE 47

0A1198 862C12P10M16N26U127E55V8 R5 X9

(RP9047) (18 NOV 74)

REFERENCE DATA

SRCP = 8000.0100 30.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BRFP = 938.6800 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDPLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDRBK = 58.000

RUN NO. 47/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CMET	CMEO	CLW	CN	CAP	CYN	CBL	CY	XCP/L	CAB
.260	-5.070	.01110	-.01780	.03940	.71440	-.04635	-.00860	.01250	.09600	.63100	.04373
.260	-3.040	.01110	-.01800	.04270	.71470	-.04495	-.00630	.00690	.06400	.63000	.04464
.260	-2.040	.01070	-.01850	.04410	.71390	-.04425	-.00460	.00430	.04500	.62900	.04586
.260	-1.030	.00920	-.01900	.04640	.71320	-.04336	-.00320	.00200	.02700	.62800	.04550
.260	.000	.00690	-.01900	.04760	.71170	-.04302	-.00180	.00000	.00900	.62700	.04505
.260	.990	.00410	-.01850	.04690	.71230	-.04316	-.00250	-.00210	-.00800	.62600	.04500
.260	2.000	.00100	-.01700	.04510	.71320	-.04309	.00070	-.00440	-.02700	.62500	.04410
.260	3.030	-.00170	-.01550	.04270	.71710	-.04401	.00220	-.00590	-.04500	.63050	.04398
.260	5.060	-.00390	-.01160	.04100	.72060	-.04478	.00390	-.01280	-.07800	.63100	.04316
.260	7.090	-.00540	-.00830	.03220	.72840	-.04929	.00750	-.01960	-.11500	.63600	.04599
.260	9.110	-.00640	-.00720	.02340	.73850	-.05270	.01370	-.02670	-.15800	.64000	.04503
.260	11.140	-.00560	-.00570	.01180	.75050	-.06047	.01640	-.03220	-.19400	.64500	.04802
GRADIENT		-.00175	.00051	.00013	.00051	.00017	.00128	-.00240	-.01744	.00000	-.00011

ORIGINAL PAGE IS
OF POOR QUALITY

041198 080C18P10M10M20M127E33V8 R5 X9

(R98048) (18 NOV 74)

REFERENCE DATA

98EP = 2699.0100 84.FT. XMRP = 1076.6900 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 98EP = 936.6900 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 55.000

RUN NO. 48/ 0 RW/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CHMET	CHMED	CLM	CN	CAP	CYN	CBL	CY	XCP/L	CAB
.260	-5.100	-.01060	-.03650	.03130	1.01310	-.07324	-.01460	.00990	.11100	.64000	.04800
.260	-3.060	-.02270	-.03490	.03360	1.01370	-.07316	-.01260	.00390	.07900	.64000	.03119
.260	-2.060	-.02480	-.03300	.03450	1.01370	-.07334	-.01100	.00080	.06200	.63900	.05297
.260	-1.057	-.02590	-.03150	.03400	1.01170	-.07434	-.00960	-.00220	.04300	.63900	.05387
.260	-.030	-.02650	-.03040	.03450	1.01910	-.07543	-.00800	.00520	.02600	.63900	.05418
.260	.970	-.02720	-.02970	.03490	1.02020	-.07650	-.00660	-.00820	.00700	.63900	.05393
.260	1.990	-.02840	-.02920	.03270	1.02340	-.07728	-.00520	-.01110	-.01000	.64000	.05326
.260	3.000	-.02930	-.02890	.03050	1.02690	-.07916	-.00330	-.01400	-.03000	.64100	.05206
.260	5.040	-.02620	-.03160	.02900	1.02940	-.08074	-.00070	-.01970	-.06500	.64100	.04884
.260	7.060	-.02150	-.03820	.01780	1.04060	-.08423	.00370	-.02560	-.10600	.64300	.05157
.260	9.100	-.01610	-.04640	.00510	1.05550	-.08764	.00880	-.03240	-.14800	.65000	.05357
.260	11.140	-.01060	-.05540	-.00680	1.07410	-.09291	.01480	-.03850	-.19200	.65500	.05509
GRADIENT		-.00084	.00062	-.00030	.00169	-.00003	.00142	-.00293	-.01756	.00013	.00004

DATE 01 MAR 79

TABULATED SOURCE DATA - 041198

PAGE 49

041198 868C12P10M16N20M127E95V8 R5 X9

(RF9049) (10 NOV 74)

REFERENCE DATA

SREF = 2600.0100 80.FT. YMRP = 1076.0000 INCHES
LREF = 474.0100 INCHES YMRP = .0000 INCHES
BREF = 936.0000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELV-LO = .000 ELV-LI = .000
ELV-RI = .000 ELV-RO = .000
RUDDER = .000 SPDRK = 25.000

RUN NO. 49/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CVN	CBL	CY	XCF/L	CAB
.260	-10.830	.05230	.03130	.02990	-.52730	-.01688	.00050	.00060	.00000	.67500	.04040
.260	-9.550	.04420	.02790	.02740	-.42450	-.00350	-.00020	.00060	.00000	.67600	.03983
.260	-6.390	.04060	.02380	.02570	-.32510	.01002	.00000	.00060	.00000	.68100	.03921
.260	-4.260	.03970	.02060	.02480	-.22630	.02019	.00000	.00050	.00000	.69200	.03854
.260	-2.160	.03800	.01800	.02430	-.13310	.02567	-.00010	.00050	.00000	.71900	.03801
.260	-.050	.03750	.01620	.02400	-.03640	.02837	.00000	.00040	.00000	.89500	.03741
.260	2.100	.03650	.01440	.02400	.06190	.02622	-.00010	.00020	.00000	.50900	.03667
.260	4.170	.03520	.01220	.02360	.15610	.02029	.00000	.00020	.00000	.55600	.03585
.260	6.310	.03260	.00880	.02330	.25500	.01028	-.00030	.00010	.00000	.61800	.03542
.260	8.460	.02820	.00420	.02200	.35700	-.00333	-.00070	.00020	.00000	.62900	.03502
.260	10.550	.02230	.00010	.02340	.45530	-.01837	-.00090	.00020	.00000	.63300	.03576
.260	12.690	.01740	-.00500	.02600	.55730	-.03496	-.00120	.00010	.00000	.63500	.03745
.260	14.850	.01230	-.01370	.02580	.66680	-.05147	-.00130	.00000	.00000	.63800	.03925
.260	16.980	.00090	-.02030	.01680	.79580	-.06953	-.00140	-.00000	.00000	.64300	.04257
.260	19.140	-.01240	-.02330	.01410	.92010	-.08527	-.00270	-.00250	.01200	.64600	.04594
.260	21.280	-.02730	-.03110	.01140	1.03610	-.09140	-.00740	-.00580	.02200	.64800	.04929
.260	23.430	-.04400	-.04450	.00470	1.16070	-.09894	-.00660	-.00260	.01900	.65000	.05246
.260	25.610	-.06040	-.05620	.00190	1.28000	-.10878	-.00480	-.00280	.01800	.65100	.05730
GRADIENT		-.00553	-.00097	-.00011	.04563	.00004	-.00000	-.00004	.00000	-.01917	-.00037

QAL198 082C18F10H10N20W127E55V0 R5 X0

(NF9050) (10 NOV 74)

REFERENCE DATA

HREF = 2690.0100 SQ.FT. HREF = 1076.0000 INCHES
 LREF = 474.8100 INCHES VREF = .0000 INCHES
 BREF = 936.6800 INCHES ZREF = 375.0000 INCHES
 SCALE = .0495 SCALE

PARAMETRIC DATA

BETA = .000 BDPLA = .000
 ELV-LO = -10.000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = -13.570
 RUDDER = .000 SPDBA = .000

RUN NO. 50/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

NACH	ALPHA	CHMET	CHMET	CHMET	CLW	CN	CAF	CYN	CBL	CY	XCP/L	TAB
.260	-10.870	.06310	.05780	.06160	-.59380	-.01941	-.00080	-.00000	.00200	.00000	.69000	.71924
.260	-8.530	.05200	.05070	.05830	-.48730	-.00196	-.00050	-.00000	.00200	.00000	.69000	.03913
.260	-6.410	.04750	.04490	.05340	-.38830	.01147	-.00010	-.00000	.00200	-.00100	.70400	.03821
.260	-4.250	.04660	.04000	.05430	-.29800	.02176	.00000	.00000	.00200	-.00100	.72100	.03761
.260	-2.190	.04590	.03630	.05330	-.19310	.02875	.00000	.00000	.00210	-.00100	.73300	.03680
.260	-.060	.04510	.03390	.05300	-.09680	.03069	.00010	.00000	.00180	-.00100	.85400	.03636
.260	2.540	.04410	.03250	.05320	-.00080	.02948	.00000	.00000	.00160	.00000	25.74900	.03537
.260	4.180	.04300	.03140	.05370	.09640	.02302	.00000	.00000	.00120	.00000	.44700	.03578
.260	6.270	.04060	.03040	.05390	.19170	.01443	-.00010	.00000	.00110	.00000	.54800	.03414
.260	9.380	.03690	.02780	.05330	.29030	.00126	.00000	.00000	.00080	.00100	.58400	.03437
.260	10.330	.03040	.02190	.05190	.39780	-.01433	.00000	.00000	.00060	.00200	.60400	.03553
.260	12.880	.02320	.01590	.05250	.50210	-.03015	.00000	.00000	.00050	.00300	.61300	.03682
.260	14.800	.01810	.00910	.05220	.61290	-.04769	.00000	.00000	.00010	.00600	.62000	.03922
.260	16.940	.00830	.00350	.04870	.73330	-.06530	-.00110	-.00000	-.00020	.00700	.62700	.04192
.260	19.110	-.00760	.00120	.04430	.83710	-.08104	-.00200	-.00000	-.00050	.01000	.63500	.04339
.260	21.260	-.02370	-.01060	.04030	.97390	-.08753	-.00650	-.00000	-.00080	.01900	.63700	.04907
.260	23.410	-.04070	-.02270	.03030	1.16680	-.09506	-.00610	-.00000	-.00240	.01900	.64200	.05267
.260	25.620	-.05480	-.03650	.01980	1.24580	-.10995	-.00470	-.00000	-.00230	.01900	.64600	.05713
.260	GRADIENT	-.00043	-.00099	-.00006	.04567	.00015	.00000	.00000	-.00013	.00014	1.03900	-.00003

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TABULATED SOURCE DATA - 041198

PAGE 51

041198 862C12F10M16M28M127E55V8 R5 X9

(R9051) (18 NOV 74)

REFERENCE DATA

BRZF = 2600.0100 50.FT. XMRP = 1076.6000 INCHES
 LREF = 474.0100 INCHES XMRP = .0000 INCHES
 BRZF = 936.6800 INCHES ZMRP = 379.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = .000
 ELV-LO = -10.000 ELV-LI = -10.000
 ELV-RI = -10.000 ELV-RO = -10.000
 RUDDER = .000 SPOBRK = 23.000

RUN NO. 51/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CV	XCP/L	CAB
.260	-10.830	.11830	.06600	.12230	-.73330	-.01244	-.00080	.00330	.00000	.71300	.03490
.260	-8.660	.10340	.05730	.11290	-.61090	.00100	-.00050	.00480	.00000	.72000	.03479
.260	-6.540	.10050	.05170	.10710	-.50450	.01564	-.00020	.00480	-.00100	.73000	.03433
.260	-4.420	.09550	.04690	.10630	-.40830	.02655	.00000	.00450	-.00100	.74800	.03439
.260	-2.300	.09250	.04250	.10550	-.30940	.03431	.00000	.00410	-.00100	.77700	.03341
.260	-.190	.09100	.03940	.10510	-.21390	.03719	.00020	.00380	-.00100	.83300	.03328
.260	1.920	.08960	.03750	.10500	-.11640	.03635	.00020	.00330	-.00200	.88400	.03259
.260	4.010	.08610	.03500	.10500	-.02110	.03133	.00010	.00320	.00000	2.47800	.03234
.260	6.150	.08710	.03480	.10530	.07540	.02249	.00000	.00320	.00000	.13900	.03237
.260	8.280	.08630	.03320	.10530	.17360	.01006	-.00010	.00280	.00000	.43100	.03201
.260	10.400	.08340	.02900	.10580	.27320	-.00394	-.00030	.00290	.00100	.51000	.03208
.260	12.510	.06540	.02380	.10800	.37430	-.01914	-.00020	.00240	.00200	.54600	.03407
.260	14.660	.07660	.01760	.10870	.48360	-.03390	-.00010	.00180	.00200	.57000	.03659
.260	16.830	.03170	.01350	.10370	.61130	-.05378	-.00030	.00150	.00300	.58500	.03958
.260	18.960	.03220	.01090	.09890	.73350	-.06985	-.00110	.00100	.00700	.60200	.04295
.260	21.130	.03820	.00130	.09510	.85430	-.07920	-.00460	-.00090	.01400	.61100	.04647
.260	23.280	.02210	-.00520	.08930	.97810	-.08956	-.00500	-.00240	.01600	.61800	.04964
.260	25.430	.02630	-.01340	.08640	1.09470	-.09974	-.00370	-.00220	.01600	.62300	.05279
GRADIENT		-.00084	-.00127	-.00015	.04591	.00056	.00002	-.00074	.00005	.17362	-.00021

041108 000C12F10M10M20M127E30V8 R3 X9

(NF9032) (10 NOV 74)

REFERENCE DATA

SRP = 2000.0100 90.FT. XMRP = 1070.0000 INCHES
LNEY = 474.0100 INCHES YMRP = .0000 INCHES
SRP = 930.0000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 80FLAP = .000
ELV-LO = -10.000 ELV-LI = -10.000
ELV-RI = -10.000 ELV-RO = -10.000
RUDDER = .000 SPDRK = 25.000

RUN NO. 52/ C RN/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

NACH	ALPHA	CHMET	CHMO	CLM	CN	CAF	CYN	CBL	CV	XCP/L	CAB
.260	-10.860	.07000	.05020	.14540	-.78300	-.01348	-.00070	.00000	.00000	.72000	.03325
.260	-8.710	.07000	.04500	.13390	-.65020	-.00050	-.00070	.00060	.00000	.72700	.03342
.260	-6.390	.06510	.04220	.12870	-.55310	.01359	-.00060	.00060	.00000	.73700	.03352
.260	-4.460	.06360	.03780	.12690	-.45690	.02501	-.00030	.00080	.00000	.75400	.03326
.260	-2.340	.06410	.03340	.12530	-.35710	.03330	-.00020	.00090	.00000	.78100	.03310
.260	-.240	.06440	.03030	.12490	-.25910	.03708	-.00010	.00090	.00000	.82900	.03283
.260	1.070	.06480	.02820	.12470	-.16270	.03681	-.00030	.00090	.00000	.93400	.03190
.260	4.000	.06560	.02600	.12440	-.06480	.03228	-.00020	.00080	.00000	1.35800	.03158
.260	6.110	.06600	.02430	.12450	.03180	.02428	-.00060	.00070	.00200	-.78000	.03070
.260	8.230	.06740	.02280	.12540	.12860	.01217	-.00060	.00060	.00300	.29300	.03123
.260	10.330	.06680	.02080	.12710	.22690	-.00147	-.00060	.00030	.00300	.44600	.03221
.260	12.490	.06490	.01800	.12840	.33020	-.01664	-.00060	.00040	.00300	.50900	.03315
.260	14.020	.06200	.01270	.12660	.44430	-.03320	-.00080	.00110	.00500	.54700	.03690
.260	16.810	.05730	.00910	.12280	.57040	-.05099	-.00090	.00070	.00600	.57300	.03903
.260	18.940	.04990	.00680	.11740	.69620	-.06633	-.00180	.00000	.00800	.59000	.04198
.260	21.290	.04280	.00180	.11180	.82330	-.07603	-.00310	-.00130	.01600	.60200	.04499
.260	23.230	.02830	.00130	.10310	.94750	-.08684	-.00310	-.00110	.01600	.61200	.04771
.260	25.410	.02490	-.00380	.09270	1.08320	-.09841	-.00330	-.00370	.02200	.62000	.05122
GRADIENT		.00022	-.00136	-.00027	.04631	.00085	.00000	-.00000	.00000	.06446	-.00022

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TABULATED SOURCE DATA - 041198

PAGE 53

041198 862C12F10M16N26M127E56V8 RS X9

(NF9053) (18 NOV 74)

REFERENCE DATA

XREF = 2890.0100 30-FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 ZREF = 936.6800 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELV-LO = -10.000 ELV-LI = -10.000
 ELV-RI = -10.000 ELV-RO = -10.000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-10.950	.07610	.03230	.16390	-.81250	-.01022	-.00050	.00020	.00000	.72600	.93593
.260	-8.730	.06980	.04670	.15140	-.68350	.00261	-.00060	.00090	.00000	.73300	.93826
.260	-6.610	.06360	.04350	.14630	-.57950	.01664	-.00040	.00090	.00000	.74500	.93659
.260	-4.510	.06320	.03900	.14390	-.48120	.02630	-.00010	.00110	-.00100	.76200	.93580
.260	-2.390	.06320	.03500	.14310	-.38480	.03644	.00000	.00110	-.00100	.78900	.93523
.260	-.260	.06370	.03150	.14260	-.28610	.04053	.00000	.00120	-.00100	.83500	.93451
.260	1.850	.06430	.02920	.14280	-.18820	.04034	.00000	.00110	.00000	.93100	.93386
.260	3.960	.06480	.02710	.14330	-.09220	.03600	.00010	.00110	.00000	1.22300	.93328
.260	6.070	.06500	.02550	.14500	.00230	.02825	.00000	.00100	.00000	-22.21200	.93250
.260	8.190	.06560	.02380	.14530	.09850	.01708	.00010	.00060	.00000	.10900	.93200
.260	10.310	.06510	.02160	.14740	.19560	.00316	-.00010	.00070	.00100	.37500	.93296
.260	12.460	.06310	.01880	.14870	.30020	-.01231	-.00030	.00070	.00500	.46900	.93419
.260	14.590	.06050	.01360	.14690	.41490	-.02875	-.00060	.00140	.00400	.52100	.93651
.260	16.750	.05970	.00970	.14310	.53950	-.04673	-.00090	.00110	.00600	.55400	.93898
.260	18.910	.04910	.00730	.13790	.66460	-.06267	-.00190	.00030	.00800	.57900	.94148
.260	21.060	.03970	.00160	.13340	.78830	-.07324	-.00490	-.00070	.01400	.59000	.94469
.260	23.220	.02660	.00030	.12480	.91810	-.08387	-.00470	-.00060	.01500	.60200	.94754
.260	25.380	.02420	-.00400	.11880	1.03940	-.09512	-.00590	-.00250	.01700	.61000	.95068
GRADIENT		.00020	-.00170	-.00007	.04602	.00031	.00002	.00000	.00014	.05020	-.95030

(R.054) (18 NOV 74)

0A1188 068C18F1047 M204127E30V8 R5 X9

REFERENCE DATA

BREF = 2000.0100 80.FT. ZMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 938.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELV-LO = -10.000 ELV-LI = -10.000
 ELV-RI = -10.000 ELV-RO = -10.000
 RUDDER = .000 SPOBRK = 29.000

RUN NO. 94/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

NACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CSL	CY	XCF/L	CAS
.260	-10.9.0	.07760	.05160	.16040	-.82200	-.01419	.00010	.00000	-.00200	.72400	.03315
.260	-8.740	.06990	.04660	.14830	-.66960	-.00092	.00020	.00070	-.00200	.73100	.03407
.260	-6.610	.06410	.04340	.14340	-.58390	.01377	.00050	.00070	-.00200	.74200	.03417
.260	-4.500	.06280	.03990	.14110	-.48220	.02627	.00060	.00080	-.00300	.76000	.03341
.260	-2.370	.06310	.03450	.14020	-.37860	.03488	.00070	.00100	-.00200	.78800	.03325
.260	-.270	.06380	.03130	.14000	-.27770	.03920	.00070	.00100	-.00300	.83700	.03261
.260	1.850	.06450	.02920	.14040	-.17770	.03905	.00060	.00090	-.00200	.94300	.03242
.260	3.950	.06510	.02720	.14080	-.07800	.03526	.00060	.00090	-.00100	1.31600	.03158
.260	6.150	.06590	.02560	.14180	.02190	.02721	.00060	.00070	-.00200	-1.72500	.03053
.260	8.230	.06600	.02400	.14280	.12230	.01540	.00050	.00050	.00000	.22200	.03056
.260	10.330	.06530	.02160	.14480	.22290	.00149	.00020	.00070	.00000	.41300	.03175
.260	12.450	.06330	.01920	.14610	.32770	-.01419	.00000	.00070	.00100	.48800	.03356
.260	14.615	.06050	.01370	.14440	.44920	-.03151	-.00000	.00130	.00200	.53400	.03515
.260	16.760	.03640	.00990	.14040	.57600	-.05032	-.00020	.00090	.00200	.56200	.03759
.260	18.820	.04900	.00740	.13560	.70690	-.06696	-.00110	.00010	.00600	.58100	.03996
.260	21.070	.04010	.00190	.13130	.83250	-.07768	-.00420	-.00110	.01200	.59400	.04281
.260	23.250	.02800	.00030	.12200	.96420	-.08969	-.00420	-.00130	.01300	.60500	.04627
.260	25.410	.02540	-.00220	.11820	1.03720	-.10163	-.00260	-.00150	.01200	.61200	.04880
.260	GRADIENT	.00028	-.00136	-.00002	.04779	.00105	-.00000	.00001	.00019	.03994	-.00021



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TABULATED SOURCE DATA - 0A1198

PAGE 55

0A1198 862C18F10M7 N20M127E56V8 R5 X9

(RP9055) (18 NOV 74)

REFERENCE DATA

XREF = 2600.0100 50. FT. XMRP = 1076.6000 INCHES
 YREF = 474.8100 INCHES YMRP = .0000 INCHES
 ZREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = .000
 ELV-LO = -10.000 ELV-LI = -10.000
 ELV-RI = -10.000 ELV-RO = -10.000
 RUDDER = .000 SPOBRK = 29.000

RUN NO. 55/ 0 RN/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLN	CN	CAF	CYN	CBL	CY	KCP/L	CAB
.260	-10.870	.07620	.05050	.14100	-.79020	-.01716	.00020	.00000	-.00200	.71800	.03071
.260	-9.720	.06830	.04580	.12910	-.65920	-.00330	.00040	.00050	-.00300	.72400	.03128
.260	-8.590	.06260	.04280	.12420	-.55260	.01136	.00050	.00070	-.00200	.73500	.03137
.260	-7.480	.06160	.03840	.12260	-.45260	.02327	.00080	.00090	-.00300	.75200	.03150
.260	-6.370	.06160	.03440	.12180	-.35130	.03152	.00070	.00090	-.00200	.77900	.03097
.260	-5.220	.06190	.03120	.12150	-.24790	.03560	.00070	.00100	-.00200	.83200	.03043
.260	-4.080	.06280	.02900	.12150	-.14830	.03590	.00060	.00090	-.00100	.93300	.03012
.260	-2.930	.06340	.02700	.12180	-.04730	.03065	.00050	.00090	-.00100	1.59000	.03032
.260	-1.780	.06420	.02560	.12180	.05310	.02268	.00040	.00080	.00000	-.19100	.02932
.260	-0.630	.06430	.02390	.12260	.15500	.01010	.00030	.00070	.00000	.36100	.03003
.260	0.520	.06360	.02160	.12420	.25500	-.00348	.00030	.00040	.00000	.47200	.03096
.260	1.640	.06150	.01920	.12550	.36230	-.01961	.00020	.00050	.00200	.58200	.03275
.260	2.790	.05850	.01330	.12360	.48130	-.03609	.00010	.00120	.00200	.55700	.03453
.260	3.940	.05400	.00970	.11960	.60870	-.05397	.00000	.00080	.00300	.57900	.03651
.260	5.090	.04720	.00710	.11440	.73820	-.07072	-.00090	.00100	.00600	.59500	.04024
.260	6.240	.03740	.00150	.10900	.86670	-.08093	-.00410	.00150	.01200	.60600	.04332
.260	7.390	.02640	.00030	.10040	.99820	-.09254	-.00370	.00140	.01300	.61500	.04605
.260	8.540	.02310	-.00240	.09450	1.12340	-.10407	-.00260	.00190	.01100	.62100	.04958
.260	9.690	.02023	-.00133	-.00009	.04783	.00089	-.00003	.00000	.00024	.08794	-.00015

GRADIENT

041198 862C12P10M7 N20W127E55V8 R5 X9

(RP9036) (18 NOV 74)

REFERENCE DATA

SRP = 8098.0100 50.FT. XMRP = 1076.6000 INCHES
LREF = 474.0100 INCHES YMRP = .0000 INCHES
SRP = 938.0000 INCHES ZMRP = 373.0000 INCHES
SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 80FLAP = .000
ELV-LO = -10.000 ELV-LI = -10.000
ELV-RI = -10.000 ELV-RO = -10.000
RUDDER = .000 SPDRSK = 25.000

RUN NO. 56/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CMC1	CMC2	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.820	.11750	.06310	.11720	-.73650	-.01533	.00010	.00290	-.00200	.71000	.03210
.260	-8.670	.10310	.05670	.10810	-.61250	-.00186	.00040	.00460	-.00300	.71700	.03286
.260	-6.540	.10260	.05150	.10310	-.50470	.01230	.00070	.00460	-.00300	.72700	.03342
.260	-4.430	.09330	.04600	.10210	-.40390	.02453	.00090	.00430	-.00400	.74500	.03274
.260	-2.310	.09210	.04240	.10180	-.30460	.03190	.00070	.00410	-.00300	.77500	.03268
.260	-.200	.09010	.03910	.10170	-.20360	.03582	.00080	.00380	-.00300	.83600	.03160
.260	1.930	.08850	.03700	.10170	-.10220	.03502	.00080	.00350	-.00300	1.01800	.03145
.260	4.020	.08680	.03560	.10210	-.00390	.02951	.00080	.00330	-.00300	10.08200	.03166
.260	6.130	.08570	.03440	.10240	.09610	.02115	.00070	.00310	-.00200	.26000	.03932
.260	8.260	.08500	.03280	.10220	.19750	.00855	.00050	.00260	.00000	.46100	.03120
.260	10.410	.08220	.02870	.10290	.30210	-.00602	.00040	.00260	.00000	.52600	.03209
.260	12.560	.08020	.02380	.10550	.45810	-.02236	.00010	.00220	.00000	.55700	.03360
.260	14.760	.07660	.01760	.10480	.52330	-.03931	.00020	.00180	.00100	.57800	.03583
.260	16.850	.06880	.01330	.10100	.65050	-.05740	-.00010	.00110	.00300	.59500	.03821
.260	18.930	.05520	.01740	.09570	.77680	-.07386	-.00080	.00060	.00500	.60700	.04130
.260	21.140	.03970	.00080	.09230	.89920	-.08348	-.00380	-.00150	.01100	.61400	.04437
.260	23.300	.02330	-.00370	.08520	1.02930	-.09396	-.00410	-.00250	.01300	.62100	.04757
.260	25.440	.02360	-.01390	.08520	1.14270	-.10637	-.00270	-.00310	.01300	.62400	.05110
GRADIENT		-.00097	-.00132	-.00000	.04742	.00062	-.00000	-.00014	.00009	.89283	-.00016

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TABULATED SOURCE DATA - 041108

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041108 062C12710M7 N28W127E55V8 RS X9

(10 NOV 74)

REFERENCE DATA

REF = 2000.0100 50.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 REF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 80FLAP = -12.000
 ELV-LO = -10.000 ELV-LI = -10.000
 ELV-RI = -10.000 ELV-RO = -10.000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 57/ 0 RNL = 1.85 GRADIENT INTERVAL = -8.00/ 6.00

INCH	ALPHA	CHMEI	CHMEO	CLW	CN	CAF	CYN	CBL	CV	XCP/L	CAB
.260	-6.570	.10295	.05200	.12200	-.53250	.01987	.00060	.00470	-.00300	.73600	.03632
.260	-4.450	.08780	.04740	.12100	-.43160	.02773	.00080	.00450	-.00300	.75500	.03607
.260	-2.330	.09490	.04270	.12040	-.33120	.03591	.00080	.00410	-.00300	.76600	.03518
.260	-.240	.09310	.03940	.12030	-.23350	.03929	.00080	.00380	-.00300	.84200	.03527
.260	1.070	.09120	.03740	.12090	-.13260	.03873	.00080	.00360	-.00300	.96700	.03491
.260	3.990	.08920	.03580	.12140	-.03310	.03459	.00070	.00330	-.00200	2.00000	.03405
.260	6.120	.08820	.03450	.12240	.06690	.02551	.00070	.00310	-.00200	-.02000	.03373
.260	8.250	.08820	.03310	.12240	.16740	.01373	.00060	.00260	-.00100	.36300	.03345
.260	10.390	.08560	.02920	.12290	.27360	-.00207	.00040	.00270	.00000	.48700	.03507
.260	12.500	.07900	.02400	.12480	.37610	-.01759	.00010	.00240	.00000	.53000	.03610
.260	14.650	.07110	.01780	.12450	.49320	-.03467	.00000	.00160	.00100	.55900	.03777
.260	16.780	.05790	.01350	.12450	.61980	-.05330	-.00020	.00130	.00300	.58000	.04009
.260	18.970	.04260	.00900	.11540	.75130	-.07030	-.00100	.00090	.00600	.59500	.04252
.260	21.110	.02640	.00160	.11240	.87510	-.08077	-.00420	-.00130	.01300	.60400	.04561
.260	23.280	.02750	-.00490	.10590	1.00590	-.09239	-.00440	-.00250	.01400	.61300	.04911
.260	25.430	.02750	-.01280	.10770	1.10950	-.10399	-.00270	-.00230	.01100	.61600	.05228
GRADIENT		-.00000	-.00135	.00006	.04725	.00078	-.00001	-.00014	.00000	.12778	-.00020

ORIGINAL PAGE IS
OF POOR QUALITY

CA1198 808C10P10H10G10M10T038V8 RS X0

(R09077) (10 NOV 74)

REFERENCE DATA

8827 = 2890.0100 50-FT. XMRP = 1076.0000 INCHES
 LMRP = 474.0100 INCHES YMRP = .0000 INCHES
 8827 = 930.0000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .2405 SCALE

PARAMETRIC DATA

BETA = .000 BOPFLAP = .000
 ELV-LO = -20.000 ELV-LI = -20.000
 ELV-RI = -20.000 ELV-RQ = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 77/ 0 RW/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CWZ1	CWZ2	CWZ3	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.920	.20320	.09750	.16110	-.82930	.00884	-.00330	-.00820	.00400	.72300	.03240	
.260	-8.750	.19320	.09950	.14830	-.69270	.01826	-.00290	-.00490	.00000	.73100	.03362	
.260	-6.610	.18270	.09080	.13790	-.57650	.03155	-.00210	-.00600	-.00200	.74000	.03483	
.260	-4.510	.18080	.08430	.13760	-.48350	.04318	-.00160	-.00530	-.00300	.75700	.03449	
.260	-2.400	.17840	.07920	.13660	-.38740	.05169	-.00130	-.00320	-.00300	.78200	.03378	
.260	-.260	.17710	.07330	.13590	-.28690	.05349	-.00160	-.00530	-.00200	.82600	.03367	
.260	1.660	.17510	.07070	.13540	-.18810	.05529	-.00180	-.00580	-.00100	.91700	.03354	
.260	3.950	.17220	.06700	.13410	-.09160	.05044	-.00220	-.00600	.00000	1.19000	.03376	
.260	6.060	.16980	.06350	.13370	.00560	.04193	-.00270	-.00590	.00230	-7.77200	.03362	
.260	8.210	.16810	.06060	.13440	.10330	.03034	-.00290	-.00660	.02400	.17300	.03351	
.260	10.300	.16590	.05380	.13740	.19660	.01699	-.00300	-.00600	.00600	.39500	.03370	
.260	12.460	.16480	.04620	.14240	.29240	.00174	-.00330	-.00650	.00600	.47300	.03541	
.260	14.580	.16250	.03710	.14750	.39230	-.01349	-.00300	-.00750	.00800	.51900	.03779	
.260	16.710	.15660	.03510	.14630	.50690	-.02938	-.00330	-.01020	.01100	.54500	.03980	
.260	18.850	.14580	.03470	.14290	.62900	-.04459	-.00430	-.01290	.01500	.56800	.04234	
.260	21.010	.12770	.02680	.14380	.73930	-.05502	-.00730	-.01540	.02000	.58000	.04503	
.260	23.180	.10620	.02020	.14180	.85300	-.06454	-.00650	-.01490	.02000	.59100	.04717	
.260	25.300	.09900	.01530	.14370	.95340	-.07299	-.00420	-.01250	.01500	.59600	.04987	
.260	GRADIENT	-.00595	-.00253	-.00039	.04642	.00086	-.00007	-.00009	.00038	.04719	-.00008	

041198 862C12F10H16M26W127E53V8 R5 X9

(NF9978) (18 NOV 74)

REFERENCE DATA

SREF = 2890.0100 SQ.FT. XMRP = 1076.0000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 SREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0425 SCALE

PARAMETRIC DATA

BETA = .000 BDPLAP = .000
 ELV-LO = -20.000 ELV-LI = -20.000
 ELV-HI = -20.000 ELV-RO = -20.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 78/ 0 RV/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CWMEI	CWMEQ	CLM	CN	CAP	CYN	CBL	CY	XCP/L	CAB
.260	-10.980	.29630	.09650	.19250	-.89680	.01611	-.00250	.00950	.00400	.73100	.03175
.260	-8.800	.19340	.10070	.17460	-.74720	.00368	-.00030	.00960	-.00100	.73000	.03320
.260	-6.660	.18290	.09130	.16370	-.62940	.03759	.00010	.00880	-.00200	.74800	.03364
.260	-4.530	.18080	.08490	.16380	-.53690	.04926	.00050	.01000	-.00400	.76400	.03311
.260	-2.450	.17990	.07960	.16400	-.44500	.05718	.00080	.01070	-.00500	.78700	.03294
.260	-.320	.17700	.07380	.16280	-.34440	.06078	.00100	.01060	-.00500	.82600	.03346
.260	1.790	.17560	.07100	.16360	-.24830	.06118	.00100	.01060	-.00600	.89400	.03319
.260	3.880	.17250	.06740	.16230	-.15270	.05658	.00110	.01050	-.00600	1.04300	.03332
.260	6.010	.17010	.06390	.16220	-.05400	.04835	.00110	.01030	-.00500	1.75500	.03340
.260	8.140	.16820	.06100	.16220	.04400	.03750	.00110	.01000	-.00500	-.70200	.03294
.260	10.290	.16600	.05440	.16110	.13900	.02310	.00110	.01010	-.00400	.21700	.03438
.260	12.380	.16570	.04700	.16910	.23390	.00905	.00120	.00980	-.00400	.30600	.03517
.260	14.520	.16310	.03760	.17270	.33570	-.00644	.00100	.00830	-.00300	.46200	.03718
.260	16.690	.15720	.03510	.17490	.44370	-.02206	.00110	.00710	-.00200	.50700	.03937
.260	18.800	.14680	.03540	.17470	.56000	-.03670	.00060	.00620	-.00000	.53700	.04186
.260	20.990	.12950	.02760	.17420	.67530	-.04752	-.00220	.00290	.00700	.55700	.04506
.260	23.680	.10670	.02050	.17020	.78910	-.05676	-.00240	.00200	.00800	.57200	.04732
.260	25.260	.10210	.01620	.16390	.91890	-.07108	-.00300	-.00080	.01600	.58600	.04951
GRADIENT		-.00094	-.00207	-.00016	.04574	.00089	.00007	.00004	-.00024	.03149	.00003

QAL108 062C12F10M16M20M127E350 R5 R3

(RP9079) (10 NOV 74)

REFERENCE DATA

SREF = 2000.0100 SQ.FT. XMRP = 1076.6000 INCHES
 LREF = 474.0100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0403 SCALE

PARAMETRIC DATA

BETA = .000 80FLAP = .000
 ELV-LO = -80.000 ELV-LI = -20.000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPOSRK = 25.000

RUN NO. 79/ 0 RN/L = 1.65 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CWMEI	CWMEC	CLW	CN	CLF	CYN	CBL	CY	XCF/L	CAB
.260	-10.770	.20080	.09910	.10230	-.66470	-.00016	-.01050	-.02790	.01600	.70700	.03702
.265	-8.320	.19030	.09570	.09230	-.55970	.01223	-.00850	-.02380	.01300	.71300	.03778
.260	-6.500	.18070	.08860	.08750	-.45880	.02486	-.00780	-.02330	.01200	.72200	.03774
.265	-4.390	.17920	.08240	.08590	-.36060	.03652	-.00760	-.02340	.01200	.74000	.03680
.260	-2.280	.17670	.07700	.08480	-.26450	.04329	-.00770	-.02340	.01300	.77000	.03633
.265	-.110	.17540	.07230	.08450	-.16630	.04644	-.00820	-.02370	.01600	.83900	.03613
.260	1.960	.17380	.06950	.08460	-.06980	.04522	-.00870	-.02440	.01800	1.09800	.03551
.265	4.070	.17080	.06580	.08390	.02880	.03949	-.00910	-.02480	.02000	-.41900	.03563
.260	6.170	.16820	.06260	.08380	.12370	.03024	-.00970	-.02540	.02300	.40200	.03530
.265	8.310	.16590	.05980	.08340	.22330	.01767	-.01020	-.02630	.02700	.51400	.03545
.260	10.430	.16360	.05250	.08510	.31920	.00320	-.01090	-.02660	.03000	.55400	.03565
.265	12.560	.16190	.04420	.08900	.41590	-.01242	-.01160	-.02730	.03400	.57300	.03685
.260	14.690	.15990	.03520	.09370	.51880	-.02893	-.01260	-.02830	.03700	.58300	.03698
.265	16.830	.15860	.03450	.09170	.63500	-.04537	-.01350	-.03160	.04200	.59900	.04142
.260	19.000	.14160	.03280	.08780	.75800	-.06125	-.01450	-.03450	.04600	.60900	.04472
.265	21.160	.12500	.02470	.08860	.86820	-.07243	-.01710	-.03720	.05200	.61400	.04805
.260	23.270	.10380	.01750	.08410	.98450	-.08026	-.01640	-.03750	.05200	.62000	.05155
.265	25.440	.09550	.01380	.07950	1.10360	-.09065	-.01390	-.03780	.05100	.62500	.05548
GRADIENT		-.00093	-.00192	-.00020	.04601	.00037	-.00019	-.00018	.00099	-.00391	-.00015



DATE 01 MAR 75

TABULATED SOURCE DATA - QAL150

PAGE 01

QAL150 B6EC18F1D16N12W127E55V R5 X9

(RFD000) (18 NOV 74)

REFERENCE DATA

SHEP = 2000.0100 80-FT. XMRP = 1076.0000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.0000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = -20.000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDRK = 85.000

RUN NO. 80/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

NACH	ALPHA	CHNEI	CHMEO	CLM	CN	CAP	CYN	CSL	CY	XCP/L	CAB
.260	-10.870	.06230	.09180	.05880	-.58620	-.01024	-.00400	-.01400	.00100	.68900	.04013
.260	-8.490	.03290	.08750	.05350	-.47240	.00328	-.00370	-.01210	.00100	.69400	.04005
.260	-6.430	.04740	.07920	.04840	-.37080	.01394	-.00320	-.01050	.00000	.70000	.03985
.260	-4.310	.04640	.07060	.04610	-.27300	.02597	-.00280	-.01000	.00000	.71400	.03880
.260	-2.150	.04550	.06290	.04430	-.17230	.03223	-.00280	-.00950	.00100	.74600	.03816
.260	-.060	.04490	.05910	.04400	-.07670	.03412	-.00280	-.00970	.00100	.86300	.03806
.260	2.030	.04400	.05740	.04440	.01790	.03241	-.00350	-.01020	.00400	-.25700	.03782
.260	4.140	.04300	.05530	.04470	.11370	.02671	-.00390	-.01080	.00600	.50700	.03681
.260	6.260	.04130	.05420	.04560	.20810	.01881	-.00440	-.01170	.00800	.57100	.03648
.260	8.370	.03730	.05300	.04540	.30700	.00428	-.00490	-.01260	.01000	.59700	.03599
.260	10.310	.03160	.04770	.04720	.40700	-.01112	-.00520	-.01290	.01200	.60900	.03580
.260	12.540	.02450	.03580	.04910	.50900	-.02787	-.00510	-.01280	.01400	.61600	.03621
.260	14.780	.01940	.02540	.05100	.61460	-.04448	-.00550	-.01340	.01600	.62100	.04000
.260	16.910	.01020	.02260	.04670	.73570	-.06189	-.00590	-.01600	.01900	.62900	.04323
.260	19.080	-.00520	.02070	.04100	.86200	-.07751	-.00680	-.01800	.02300	.63400	.04637
.260	21.240	-.02530	.00430	.03490	.98350	-.08591	-.01030	-.01970	.02900	.63900	.05049
.260	23.400	-.04270	-.00790	.02650	1.11160	-.09466	-.00880	-.01680	.02700	.64300	.05427
.260	25.560	-.03530	-.02460	.01840	1.24360	-.10706	-.00500	-.01250	.02000	.64600	.05796
GRADIENT		-.00039	-.00172	-.00013	.04571	.00008	-.00014	-.00011	.00071	-.06696	-.00021

041108 00C12P10M10N20U127E3SV0 R5 X9

(RP9001) (10 NOV 74)

REFERENCE DATA

REF = 2000.0100 50.FT. ZMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 RREF = 936.6800 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 90FLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SFDRBK = 25.000

RUN NO. 01/ 0 RW/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CINNET	CMEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.640	.05210	.03070	.03150	-.92820	-.01619	-.00090	.00070	.00100	.67400	.04113
.260	-8.490	.04390	.02730	.02680	-.42360	-.00269	-.00060	.00070	.00000	.67700	.04076
.260	-6.370	.04020	.02330	.02720	-.32460	.01067	-.00060	.00070	.00000	.68300	.04039
.260	-4.260	.03910	.02010	.02680	-.22910	.02067	-.00040	.00070	.00000	.69000	.03973
.260	-2.160	.03820	.01760	.02390	-.13320	.02682	-.00040	.00080	.00000	.72300	.03922
.260	-.030	.03720	.01590	.02350	-.03750	.02937	-.00030	.00060	.00000	.90300	.03818
.260	2.090	.03630	.01410	.02350	.06010	.02678	-.00070	.00050	.00100	.49600	.03798
.260	4.240	.03490	.01180	.02340	.15900	.02083	-.00090	.00030	.00200	.57200	.03687
.260	6.320	.03210	.00890	.02450	.25480	.01103	-.00100	.00210	.00200	.61600	.03642
.260	8.440	.02690	.00390	.02330	.35450	-.00236	-.00140	.00010	.00400	.62800	.03637
.260	10.570	.02200	-.00030	.02510	.45360	-.01774	-.00160	.00020	.00500	.65100	.03702
.260	12.710	.01690	-.00530	.02780	.55430	-.03389	-.00210	.00000	.00600	.63300	.03791
.260	14.840	.01200	-.01370	.02680	.66220	-.05091	-.00210	.00000	.00900	.63600	.04019
.260	17.010	.00100	-.02050	.02150	.79040	-.06877	-.00240	-.00100	.01100	.64200	.04318
.260	19.140	-.01240	-.02360	.01610	.81850	-.08470	-.00360	-.00250	.01500	.64500	.04651
.260	21.310	-.02650	-.03140	.01370	1.03260	-.09313	-.00710	-.00540	.02200	.64700	.04943
.260	23.470	-.04620	-.04520	.00600	1.15720	-.09772	-.00720	-.00390	.02000	.65000	.05331
.260	25.590	-.04140	-.05430	.00400	1.27200	-.10785	-.00520	-.00350	.02000	.65100	.05745
.260	GRADIENT	-.00248	-.00093	-.00009	.04562	.00001	-.00006	-.00003	.00024	-.02021	-.00033



041108 060C18P10M10N20M127E33V0 R5 X9

(RFS003) (10 NOV 74)

REFERENCE DATA

BREF = 8000.0100 SQ.FT. XMRP = 1076.0000 INCHES
 LREF = 474.0100 INCHES YMRP = .0000 INCHES
 BREF = 936.0000 INCHES ZMRP = 379.0000 INCHES
 SCALE = .0005 SCALE

PARAMETRIC DATA

ALPHA = 9.000 BOFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-R = .000 ELV-RO = .000
 RUDDER = .000 SPDRBK = 25.000

RUM NO. 03/ 0 RM/L = 1.05 GRADIENT INTERVAL = -0.001/ 0.00

WAVE	BETA	CHWEL	CHWEO	CLM	CN	CAF	CYN	CBL	CY	KCP/L	CAB
.200	-5.000	.03700	.00910	.01870	.21430	.01135	-.00630	.00790	.09200	.62000	.04010
.200	-3.000	.03620	.00950	.02210	.21130	.01390	-.00920	.00460	.05700	.61900	.03900
.200	-2.000	.03520	.00970	.02330	.20920	.01520	-.00370	.00310	.03900	.61100	.03700
.200	-1.010	.03450	.00990	.02450	.20650	.01600	-.00260	.00170	.02200	.60800	.03690
.200	-.010	.03340	.01020	.02470	.20720	.01660	-.00110	.00020	.00300	.60800	.03640
.200	.990	.03230	.01030	.02470	.20760	.01620	.00030	-.00110	-.01500	.60800	.03600
.200	2.010	.03120	.01050	.02340	.20740	.01580	.00150	-.00250	-.03200	.61000	.03720
.200	3.000	.02990	.01050	.02230	.20950	.01502	.00300	-.00390	-.03100	.61200	.03730
.200	5.060	.02700	.01040	.01940	.21110	.01250	.00600	-.00700	-.08700	.61800	.03840
.200	7.090	.02430	.01030	.01570	.21560	.00814	.00970	-.01040	-.12500	.62500	.04021
.200	9.120	.02290	.01050	.01090	.21970	.00345	.01290	-.01360	-.16200	.63300	.04170
.200	11.150	.02140	.01130	.00700	.22620	-.00135	.01760	-.01780	-.20100	.64000	.04205
GRADIENT		-.00106	.00015	.00006	-.00033	.00013	.00138	-.00144	-.01770	-.00019	-.00019

DATE 01 MAR 75

TABULATED SOURCE DATA - 0A1198

PAGE 68

0A1198 B0EC1CF1DH1GH26M127C5V8 RS X9

(RP9894) (18 NOV 74)

REFERENCE DATA

SRP = 8890.8199 98.97. XMRP = 1076.6800 INCHES
LRP = 474.8100 INCHES YMRP = .0000 INCHES
BRP = 936.6800 INCHES ZMRP = 375.0900 INCHES
SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = .000
ELV-LO = .000 ELV-LI = .000
ELV-RI = .000 ELV-RO = .000
RUDDER = .000 SPDBRK = 23.000

RUN NO. 847 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHWEI	CHWEO	CLM	CN	CAF	CYN	CBL	CV	XCP/L	CAB
.260	-3.080	.02660	-.00170	.01930	.46300	-.02207	-.00930	.01280	.09300	.63700	.03959
.260	-3.060	.02460	-.00120	.02250	.45882	-.01951	-.00560	.00760	.05700	.63400	.03737
.260	-2.040	.02360	-.00090	.02410	.45880	-.01882	-.00480	.00510	.04100	.63200	.03767
.260	-1.020	.02260	-.00060	.02480	.45740	-.01820	-.00330	.00280	.02300	.63200	.03737
.260	-.020	.02160	-.00060	.02470	.45740	-.01786	-.00180	.00020	.00600	.63200	.03683
.260	.980	.02060	-.00030	.02440	.45730	-.01784	-.00030	-.00210	-.01100	.63200	.03695
.260	2.010	.01970	.00000	.02380	.45800	-.01790	.00110	-.00430	-.03000	.63300	.03702
.260	3.010	.01920	.00040	.02270	.45950	-.01881	.00250	-.00680	-.04700	.63400	.03681
.260	5.050	.01720	.00080	.01960	.46240	-.02097	.00610	-.01230	-.08500	.63600	.03854
.260	7.080	.01420	.00080	.01510	.46620	-.02393	.00920	-.01720	-.12100	.64000	.04021
.260	9.100	.01090	.00110	.00990	.47300	-.02789	.01190	-.02160	-.15700	.64400	.04306
.260	11.140	.00940	.00120	.00600	.47940	-.03214	.01680	-.02710	-.19700	.64700	.04491
.260	GRADIENT	-.00592	.00025	.00008	-.00004	.00012	.00148	-.00244	-.01745	-.00004	-.00011

DATE 01 MAR 75

TABULATED SOURCE DATA - 041108

PAGE 04

041108 062C12710M16M20W127E35V8 45 19

(HF9089) (10 NOV 74)

REFERENCE DATA

SIZE = 2000.0100 90.FT. XMRP = 1075.0000 INCHES
LREF = 474.0100 INCHES YMRP = .0000 INCHES
SIZE = 936.0000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = .000
ELV-LO = .000 ELV-LI = .000
ELV-RI = .000 ELV-RO = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 85/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHKEI	CHWEO	CLM	CN	CAP	CYN	CBL	CV	KCF/L	CAS
.260	-5.100	.01120	-.01790	.01790	.73210	-.06339	-.00910	.01280	.09700	.64300	.04063
.265	-3.030	.01130	-.01650	.02170	.73060	-.06120	-.00660	.00720	.06300	.64100	.04116
.265	-2.550	.01090	-.01690	.02280	.72920	-.06031	-.00500	.00450	.04600	.64000	.04161
.265	-1.030	.00930	-.01920	.02410	.72940	-.06006	-.00370	.00200	.02800	.64000	.04164
.265	-.010	.00710	-.01920	.02470	.72820	-.05957	-.00220	-.00030	.01000	.63900	.04146
.265	1.000	.00430	-.01880	.02430	.72860	-.05970	-.00090	-.00230	-.00800	.64000	.04126
.265	2.500	.00130	-.01760	.02250	.73100	-.05937	.00080	-.00480	-.02600	.64000	.04041
.265	3.030	-.00130	-.01600	.02090	.73290	-.06015	.00200	-.00770	-.04400	.64100	.04037
.265	5.060	-.00380	-.01180	.01700	.73550	-.06161	.00230	-.01380	-.07800	.64300	.03989
.265	7.070	-.00510	-.00860	.01010	.74530	-.06579	.00720	-.02050	-.11300	.64700	.04317
.265	9.110	-.00590	-.00750	.00210	.75280	-.06883	.01280	-.02740	-.15400	.65100	.04381
.265	11.130	-.00320	-.00620	-.00370	.75940	-.07291	.01510	-.03240	-.18900	.65400	.04633
	GRADIENT	-.00173	.00052	-.00069	.00034	.00018	.00135	-.00254	-.01739	-.00000	-.00011

DATE 01 MAR 75

TABULATED SOURCE DATA - Q41198

PAGE 87

Q41198 868C18F10N16N20M12P55V8 R5 X9

(RFP0006) (18 NOV 74)

REFERENCE DATA

SREF = 2690.0100 SQ.FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SFDPRK = 25.000

RUN NO. 86/0 RM/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMET	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAS
.260	-5.000	-.02230	-.03750	.00720	1.03130	-.08719	-.01680	.09910	.11500	.64900	.04657
.260	-3.030	-.02540	-.03590	.00990	1.03240	-.08653	-.01350	.00270	.00200	.64800	.04884
.260	-2.040	-.02640	-.03470	.01130	1.03170	-.08712	-.01210	-.00050	.06300	.64800	.04967
.260	-1.020	-.02710	-.03380	.01210	1.03260	-.08819	-.01050	-.00340	.04500	.64700	.04980
.260	-.010	-.02670	-.03100	.01330	1.03250	-.09005	-.00880	-.00640	.02800	.64700	.04976
.260	.990	-.02680	-.03060	.01380	1.03520	-.09190	-.00670	-.00910	.00700	.64700	.04910
.260	2.010	-.02790	-.02960	.01210	1.03780	-.09315	-.00540	-.01190	-.01000	.64800	.04933
.260	3.040	-.02970	-.02970	.00980	1.04300	-.09356	-.00390	-.01490	-.02800	.64800	.04835
.260	5.090	-.02580	-.03140	.02740	1.04650	-.09753	-.00060	-.02090	-.06500	.64900	.04596
.260	7.110	-.02270	-.03550	-.02260	1.05590	-.10103	.00390	-.02660	-.10400	.65300	.04883
.260	9.150	-.02020	-.03640	-.01020	1.06020	-.10395	.00910	-.03390	-.14700	.65500	.05089
.260	11.160	-.01580	-.04080	-.02000	1.07240	-.10725	.01340	-.04080	-.18600	.65900	.05301
GRADIENT		-.00042	.00079	.00005	.00154	-.00112	.00160	-.00292	-.01786	.00000	-.00000

0A1198 002C18F10M10N20M18T250V8 R5 X9

(RFS007) (18 NOV 74)

REFERENCE DATA

BRP = 2800.0100 SQ.FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BRP = 936.8000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPCBRK = 25.000

RUN NO. 87/ 0 RW/L = 1.85 GRADIENT INTERVAL = -.6.00/ 6.00

WACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	KCF/L	CAS
.260	-10.620	.04240	.02510	.03210	-.52930	-.01378	-.00120	.00010	.00100	.67400	.04071
.260	-8.310	.03600	.02240	.02950	-.42650	-.00599	-.00090	.00030	.00100	.67700	.04060
.260	-6.390	.03310	.01910	.02750	-.32790	.01030	-.00070	.00040	.00000	.68300	.04024
.260	-4.260	.03240	.01610	.02650	-.22870	.02072	-.00070	.00040	.00000	.69400	.03990
.260	-2.140	.03170	.01440	.02600	-.13400	.02703	-.00060	.00040	.00000	.72300	.03869
.260	-.040	.03100	.01320	.02560	-.03700	.02892	-.00060	.00040	.00000	.90700	.03822
.260	2.030	.03020	.01190	.02540	.05820	.07702	-.00080	.00030	.00100	.49100	.03748
.260	4.100	.02910	.01010	.02560	.15590	.02041	-.00090	.00000	.00200	.59100	.03728
.260	6.320	.02680	.00790	.02520	.25440	.01070	-.00130	.00030	.00300	.61300	.03628
.260	8.430	.02280	.00460	.02390	.35300	-.00269	-.00110	-.00020	.00400	.62700	.03596
.260	10.530	.01970	.00140	.02610	.45340	-.01819	-.00110	-.00010	.00500	.63100	.03681
.260	12.690	.01540	-.00070	.02650	.55290	-.03409	-.00130	-.00020	.00500	.63300	.03769
.260	14.850	.01260	-.00060	.02850	.66600	-.05144	-.00180	.00040	.00800	.63600	.03965
.260	16.980	.00990	-.01380	.01910	.79730	-.06894	-.00230	-.00020	.01100	.64300	.04248
.260	19.130	-.00560	-.01680	.01510	.92100	-.08561	-.00350	-.00170	.01500	.64800	.04631
.260	21.320	-.02000	-.02500	.01180	1.03890	-.09102	-.00870	-.00580	.02500	.64800	.05042
.260	23.450	-.03840	-.03680	.00430	1.16230	-.09869	-.00730	-.00280	.02100	.65000	.05362
.260	25.600	-.03350	-.04870	.00450	1.27470	-.10838	-.00520	-.00340	.02000	.65000	.05762
	GRADIENT	-.00029	-.00069	-.00011	.04563	-.00003	-.00003	-.00004	.00024	-.02072	-.02027

DATE 21 MAR 75

TABULATED SOURCE DATA - 041198

PAGE 88

041198 862C12F10H16N28U127E37V8 R3 X9

(INFO88) (18 NOV 74)

REFERENCE DATA

REF = 2000.0100 30.FT. YMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 373.0000 INCHES
SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFAP = .000
ELV-LO = .000 ELV-LI = .000
ELV-RI = .000 ELV-RO = .000
RUDDER = .000 SPDRK = 25.000

RUN NO. 88/ 3 RW/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLN	CN	CAP	CYN	CBL	CV	XCP/L	CAB
.260	-10.650	.04840	.03050	.04020	-.54810	-.01796	-.00050	.00060	.00000	.67900	.04095
.260	-8.520	.04130	.02790	.03710	-.44310	-.00387	-.00050	.00070	.00000	.68300	.04008
.260	-6.390	.03810	.02490	.03310	-.34240	.01031	-.00020	.00080	.00000	.69000	.03909
.260	-4.260	.03750	.02200	.03410	-.24560	.01998	-.00020	.00080	.00000	.70300	.03823
.260	-2.170	.03700	.01980	.03360	-.15960	.02652	-.00030	.00080	.00000	.73400	.03809
.260	-.050	.03650	.01830	.03360	-.05380	.02865	-.00040	.00080	.00000	.88200	.03785
.260	2.040	.03580	.01670	.03340	.04270	.02677	-.00040	.00060	.00000	.36400	.03726
.260	4.150	.03470	.01460	.03280	.19930	.02103	-.00070	.00050	.00100	.56500	.03633
.260	6.280	.03270	.01190	.03240	.23820	.01120	-.00090	.00030	.00200	.60200	.03572
.260	8.420	.02850	.00840	.03150	.33820	-.00249	-.00100	.00040	.00300	.61800	.03608
.260	10.520	.02280	.00320	.03110	.44080	-.01710	-.00130	.00060	.00400	.62500	.03619
.260	12.690	.01670	-.00120	.03110	.54920	-.03383	-.00150	.00030	.00500	.63100	.03792
.260	14.820	.01090	-.00700	.02940	.66170	-.05034	-.00160	.00020	.00700	.63500	.03943
.260	16.970	.00280	-.01330	.02270	.78800	-.06833	-.00180	-.00070	.00900	.64100	.04259
.260	19.120	-.00560	-.01850	.01580	.91760	-.08456	-.00280	-.00220	.01300	.64600	.04593
.260	21.290	-.01130	-.02680	.01090	1.04120	-.09264	-.00680	-.00520	.02100	.64800	.04951
.260	23.450	-.02460	-.03500	-.00060	1.16980	-.09758	-.00680	-.00320	.02000	.65200	.05385
.260	25.600	-.02680	-.03970	-.00020	1.28460	-.10869	-.00530	-.00400	.02000	.65200	.05607
	GRADIENT	-.00032	-.00085	-.00013	.04571	.00011	-.00003	-.00004	.00009	-.0757	-.00031

DATE 01 MAR 79

TABULATED SOURCE DATA - 041108

PAGE 70

041108 082C12F10H10N20W12E39V8 RS K32

(10 NOV 74)

REFERENCE DATA

REF = 2000.0100 30.FT. ZMRP = 1076.0000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 RREF = 936.0000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .2400 SCALE

PARAMETRIC DATA

BETA = .000 BCFAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDRK = .25.000

RUN NO. 89/ 0 RM/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEG	CLM	CM	CAF	CYN	COL	CV	KCF/L	CAB
.260	-10.630	.05140	.03240	.03010	-.58000	-.01612	-.00090	.00050	.00000	.67300	.04110
.260	-8.550	.04310	.02700	.02770	-.42330	-.00295	-.00030	.00050	-.00100	.67600	.04080
.260	-6.450	.03950	.02320	.02620	-.32410	.01103	-.00020	.00060	.00000	.68200	.03994
.260	-4.260	.03060	.01990	.02530	-.22760	.02087	-.00020	.00050	.00000	.69300	.03979
.260	-2.140	.03770	.01740	.02510	-.13190	.02734	-.00020	.00050	.00000	.72200	.03836
.260	-.020	.03670	.01500	.02470	-.03560	.02920	-.00030	.00040	.00000	.90700	.03845
.260	2.050	.03550	.01390	.02440	.06130	.02675	-.00030	.00030	.00100	.50500	.03810
.260	4.180	.03430	.01160	.02430	.15840	.02154	-.00060	.00010	.00100	.59300	.03647
.260	6.330	.03170	.00820	.02390	.25680	.01067	-.00090	.00000	.00200	.61700	.03660
.260	8.490	.02690	.00370	.02260	.35700	-.00244	-.00110	.00000	.00400	.62800	.03600
.260	10.550	.02170	-.00050	.02460	.45460	-.01803	-.00190	.00020	.00500	.63200	.03710
.260	12.650	.01760	-.00340	.02770	.55440	-.03337	-.00100	-.00010	.00600	.63300	.03775
.260	14.830	.01190	-.01450	.02790	.66480	-.05098	-.00170	.00010	.00800	.63600	.04001
.260	17.000	.00800	-.02440	.02590	.79360	-.06822	-.00180	-.00100	.01000	.64200	.04239
.260	19.140	-.01180	-.02410	.01600	.91750	-.08451	-.00300	-.00250	.01300	.64500	.04589
.260	21.300	-.02560	-.03180	.01350	1.03350	-.09827	-.00720	-.00560	.02200	.64700	.04965
.260	23.420	-.04480	-.04540	.00990	1.15620	-.09671	-.00710	-.00400	.02100	.65000	.05337
.260	25.600	-.04160	-.05600	.00290	1.27570	-.10660	-.00920	-.00330	.01900	.65100	.05732
	GRADIENT	-.00051	-.00095	-.00013	.04574	.00004	-.00005	-.00005	.00014	-.01951	-.00033

DATE 01 MAR 75

TABULATED SOURCE DATA - 0A1198

PAGE 71

0A1198 80EC18F10H16N28W187E55V8 RS X33

(INF0000) (18 NOV 74)

REFERENCE DATA

BREF = 2090.0100 90.FT. MMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 90/ 0 RM/L = 1.00 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CMHEI	CMHEO	CLM	CN	CAF	CYN	CBL	CY	KCP/L	CAB
.260	-10.630	.05140	.03030	.03030	-.52710	-.01610	-.00050	.00050	.00000	.67300	.04099
.265	-8.500	.04310	.02700	.02700	-.42150	-.00268	-.00040	.00060	.00000	.67600	.04088
.265	-6.380	.03970	.02320	.02610	-.32340	.01080	-.00010	.00060	-.00100	.68200	.04009
.265	-4.270	.03870	.01990	.02330	-.22790	.02067	-.00030	.00060	.00000	.69300	.03972
.265	-2.160	.03780	.01745	.02500	-.13150	.02697	-.00030	.00050	.00000	.72200	.03901
.265	-.050	.03690	.01580	.02460	-.03670	.02890	-.00040	.00040	.00000	.88800	.03852
.265	2.060	.03570	.01390	.02430	.06070	.02660	-.00040	.00020	.00000	.90400	.03814
.265	4.160	.03450	.01170	.02450	.15790	.02067	-.00060	.00010	.00100	.99500	.03707
.265	6.310	.03170	.00820	.02370	.25650	.01066	-.00080	.00000	.00200	.61800	.03655
.265	8.440	.02690	.00350	.02260	.35710	-.00273	-.00110	.00010	.00300	.62800	.03631
.265	10.550	.02150	-.00050	.02460	.45550	-.01784	-.00130	.00020	.00500	.63200	.03686
.265	12.700	.01740	-.00350	.02730	.55320	-.03380	-.00170	.00010	.00600	.63400	.03787
.265	14.830	.01170	-.01400	.02790	.66430	-.05083	-.00180	.00000	.00700	.63600	.03984
.265	16.980	.00680	-.02040	.02110	.79180	-.06848	-.00200	.00100	.01000	.64200	.04282
.265	19.140	-.01190	-.02420	.01610	.91820	-.08489	-.00320	.00250	.01400	.64500	.04637
.265	21.290	-.02560	-.03190	.01350	1.03380	-.09299	-.00700	.00550	.02200	.64700	.04958
.265	23.430	-.04920	-.04540	.00650	1.15460	-.09713	-.00690	.00440	.02000	.65000	.05332
.265	25.590	-.04200	-.05590	.00250	1.27510	-.10717	-.00530	.00340	.01900	.65100	.05729
GRADIENT		-.00030	-.00094	-.00011	.04371	-.00002	-.00003	-.00006	.00014	-.01064	-.00029

ORIGINAL PAGE IS
OF POOR QUALITY

CA1198 840C12F12M10N20M127E33V8 RS X9

(8F0001) (18 NOV 74)

REFERENCE DATA

REF = 2689.0100 80.07. 2MRP = 1076.0000 INCHES
 LREF = 474.8100 INCHES 2MRP = .0000 INCHES
 REF = 936.0000 INCHES 2MRP = 373.0000 INCHES
 SCALE = .2495 SCALE

PARAMETRIC DATA

BETA = .000 80FLAP = .000
 ELV-LO = 10.000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = 10.000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 91/ 0 RM/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CV	KCP/L	CAB
.267	-15.590	.04380	-.00430	-.00080	-.48750	-.01114	-.00040	-.00040	.00000	.63200	.04229
.267	-8.480	.03320	-.00640	-.00350	-.36340	.00263	-.00040	-.00080	.00000	.64800	.04170
.267	-6.330	.03230	-.00810	-.00380	-.26470	.01594	-.00030	-.00100	.00000	.64600	.04096
.267	-4.230	.03190	-.00890	-.00340	-.17310	.02328	-.00030	-.00110	.00000	.64500	.04018
.267	-2.080	.03160	-.00970	-.00280	-.07650	.03127	-.00040	-.00140	.00000	.63800	.03948
.267	.520	.03090	-.01150	-.00390	.01860	.03309	-.00050	-.00150	.00100	.71800	.03896
.267	2.150	.02990	-.01460	-.00370	.11540	.03094	-.00070	-.00140	.00100	.66400	.03829
.267	4.240	.02800	-.01810	-.00380	.21400	.02589	-.00120	-.00130	.00300	.65800	.03817
.267	6.360	.02610	-.02250	-.00490	.31070	.01465	-.00130	-.00130	.00400	.65800	.03668
.267	8.470	.02100	-.02720	-.00640	.41210	.00073	-.00160	-.00100	.00500	.65800	.03693
.267	10.610	.01620	-.03100	-.00500	.51350	-.01471	-.00200	-.00090	.00700	.65500	.03741
.267	12.740	.01170	-.03870	-.00340	.61710	-.03064	-.00230	-.00030	.00800	.65400	.03818
.267	14.880	.00590	-.04830	-.00390	.72830	-.04739	-.00230	-.00010	.01000	.65400	.04030
.267	17.030	-.00320	-.05380	-.01030	.85350	-.06439	-.00220	-.00010	.01000	.65600	.04299
.267	19.220	-.01910	-.05420	-.01540	.98300	-.08021	-.00380	-.00260	.01700	.65800	.04628
.267	21.340	-.03460	-.06190	-.01620	1.09610	-.08687	-.00830	-.00700	.02500	.65700	.04993
.267	23.470	-.04730	-.07610	-.02180	1.21510	-.09171	-.00680	-.00180	.02200	.65800	.05327
.267	25.610	-.04650	-.08830	-.02090	1.32120	-.09942	-.00540	-.00340	.02100	.65800	.05754
.267	GRADIENT	-.00037	-.00110	-.00008	.04374	-.00015	-.00010	-.00002	.00033	.00247	-.00025

DATE 01 MAR 75

TABULATED SOURCE DATA - 041196

PAGE 73

041196 062C18710M16N26W127E5308 RS X9

(RF9092) (18 NOV 74)

REFERENCE DATA

SRZF = 2690.0100 80 FT. XMRP = 1076.6800 INCHES
LRZF = 474.8100 INCHES YMRP = .0000 INCHES
SRZF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 80FLAP = .000
ELV-LO = 10.000 ELV-LI = 10.000
ELV-RI = 10.000 ELV-RO = 10.000
RUDDER = .000 SPDRBK = 25.000

RUN NO. 927 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHWEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-10.470	-.02240	-.01030	-.03020	-.36160	-.00299	-.00100	-.00240	.00100	.60100	.04530
.260	-8.350	-.02330	-.01220	-.03000	-.26300	.01049	-.00090	-.00250	.00100	.58200	.04464
.260	-6.230	-.02660	-.01350	-.03060	-.16610	.02331	-.00100	-.00270	.00100	.54000	.04422
.260	-4.040	-.02700	-.01450	-.03060	-.06870	.03306	-.00100	-.00290	.00200	.38100	.04328
.260	-1.980	-.02730	-.01600	-.03040	.02190	.03691	-.00090	-.00300	.00200	1.49800	.04329
.260	.110	-.02830	-.01880	-.03030	.11750	.03880	-.00110	-.00300	.00300	.81100	.04199
.260	2.830	-.02960	-.02170	-.03060	.21270	.03544	-.00150	-.00310	.00500	.73900	.04164
.260	4.320	-.03190	-.02310	-.03070	.30720	.02867	-.00190	-.00280	.00600	.71300	.04078
.260	6.480	-.03490	-.03030	-.03400	.41290	.01774	-.00230	-.00290	.00800	.70000	.04011
.260	8.590	-.04070	-.03740	-.03840	.51950	.02401	-.00250	-.00270	.00900	.69300	.03972
.260	10.710	-.04910	-.04100	-.03980	.62550	-.01160	-.00260	-.00210	.01000	.68700	.04037
.260	12.860	-.05660	-.04810	-.06090	.73600	-.02784	-.00270	-.00160	.01000	.68200	.04136
.260	15.010	-.06740	-.05810	-.06220	.83100	-.04323	-.00300	-.00170	.01100	.67900	.04394
.260	17.140	-.08030	-.06230	-.06830	.97540	-.06209	-.00320	-.00290	.01400	.67800	.04618
.260	19.310	-.09950	-.06690	-.07310	1.10710	-.07746	-.00450	-.00390	.01800	.67700	.04930
.260	21.470	-.12430	-.07280	-.07760	1.22330	-.08084	-.00920	-.00850	.02700	.67500	.05381
.260	23.610	-.13680	-.08520	-.08850	1.35400	-.08379	-.00620	-.00120	.01900	.67600	.05847
.260	25.760	-.12350	-.09620	-.08380	1.45500	-.09401	-.00580	-.00390	.02300	.67300	.06317
GRADIENT		-.00038	-.00129	-.00002	.04504	-.00049	-.00011	.00000	.00053	-.00498	-.00032

041108 062C12F10N16N26W127E55V8 R5 X0

(RP9093) (18 NOV 74)

REFERENCE DATA

0427 = 2600.0100 94.47. XMRP = 1076.6800 INCHES
 0427 = 474.8100 INCHES YMRP = .0000 INCHES
 0427 = 936.6800 INCHES ZMRP = 379.0000 INCHES
 SCALE = .0403 SCALE

PARAMETRIC DATA

BETA = .000 90FLAP = -12.000
 ELV-LO = 10.000 ELV-LI = 10.000
 ELV-RI = 10.000 ELV-RO = 10.000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 93/ D RW/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.490	-.02110	-.01030	-.03020	-.37690	-.00100	-.00100	-.00210	.00000	.61400	.05126
.260	-8.360	-.02310	-.01220	-.03880	-.27830	.01249	-.00100	-.00210	.00100	.60000	.05113
.260	-6.230	-.02620	-.01370	-.03980	-.18090	.02504	-.00110	-.00230	.00100	.57100	.05094
.260	-4.140	-.02640	-.01470	-.03970	-.08890	.03408	-.00110	-.00230	.00200	.48700	.04987
.260	-2.010	-.02670	-.01620	-.03930	-.00940	.03892	-.00120	-.00260	.00300	3.32500	.04953
.260	.100	-.02770	-.01800	-.03900	.10110	.04903	-.00140	-.00270	.00400	.79400	.04881
.260	2.180	-.02870	-.02210	-.03850	.19490	.03795	-.00180	-.00270	.00500	.74500	.04703
.260	4.320	-.03030	-.02560	-.03800	.29100	.03041	-.00210	-.00250	.00600	.70300	.04630
.260	6.480	-.03270	-.03060	-.04070	.39470	.02017	-.00260	-.00260	.00900	.69000	.04494
.260	8.560	-.03760	-.03730	-.04440	.49310	.05672	-.00290	-.00250	.01100	.68500	.04461
.260	10.710	-.04460	-.04100	-.04570	.60700	-.00937	-.00320	-.00200	.01200	.68000	.04316
.260	12.840	-.05320	-.04900	-.04620	.71510	-.02557	-.00340	-.00140	.01200	.67600	.04370
.260	14.990	-.06220	-.05790	-.04770	.82930	-.04329	-.00340	-.00160	.01300	.67300	.04806
.260	17.140	-.07420	-.06250	-.05410	.95620	-.06048	-.00340	-.00290	.01500	.67300	.05019
.260	19.310	-.09270	-.06650	-.06010	1.08590	-.07573	-.00470	-.00380	.01900	.67200	.05235
.260	21.430	-.11690	-.07240	-.06080	1.18930	-.07931	-.00920	-.00950	.02000	.67000	.05613
.260	23.590	-.12910	-.08470	-.07030	1.32860	-.08315	-.00620	-.00110	.01900	.67100	.05993
.260	25.720	-.11910	-.09320	-.06500	1.42860	-.09351	-.00580	-.00440	.02400	.66900	.06427
GRADIENT		-.00046	-.00131	.00020	.04497	-.00039	-.00012	-.00000	.00047	-.10229	-.00045



DATE 01 MAR 73

TABULATED SOURCE DATA - 041108

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041108 060C12P10M12N187E30V8 R5 X9

(RFP004) (18 NOV 74)

REFERENCE DATA

REF = 2000.0100 SQ. FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -12.000
 ELV-LO = 10.000 ELV-LI = 10.000
 ELV-RI = 10.000 ELV-RO = 10.000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 94/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CWME1	CWME2	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.460	-.0510	-.05490	-.04950	-.34740	.05039	-.00090	.00000	.00000	.59000	.05211
.260	-8.330	-.00650	-.00640	-.05100	-.24460	.01443	-.05110	.00000	.00000	.57500	.05176
.260	-6.210	-.01030	-.00790	-.05230	-.14990	.02639	-.05120	-.00020	.00100	.52300	.05180
.260	-4.100	-.01150	-.00940	-.05270	-.05460	.03564	-.05120	-.00040	.00100	.29700	.05030
.260	-1.990	-.01320	-.01110	-.05290	.04000	.03997	-.00120	-.00040	.00200	1.13900	.05054
.260	.130	-.01490	-.01310	-.05280	.13370	.04018	-.00150	-.00060	.00400	.79700	.05009
.260	2.240	-.01680	-.01540	-.05200	.22930	.03723	-.00160	-.00090	.00400	.73500	.04867
.260	4.340	-.01890	-.01910	-.05140	.22230	.02990	-.00200	-.00120	.00600	.71100	.04773
.260	6.470	-.02180	-.02390	-.05160	.42040	.01913	-.00200	-.00110	.00600	.69700	.04629
.260	8.600	-.02780	-.02980	-.05420	.52500	.00479	-.00220	-.00080	.00800	.69000	.04505
.260	10.730	-.03410	-.03310	-.05460	.63060	-.01145	-.00240	-.00170	.01000	.68400	.04626
.260	12.880	-.04270	-.03900	-.05370	.74480	-.02919	-.00290	-.00090	.01200	.68000	.04796
.260	15.000	-.05190	-.04730	-.05290	.86560	-.04593	-.00300	-.00140	.01200	.67900	.04923
.260	17.200	-.06610	-.05470	-.07210	1.05080	-.06387	-.00370	-.00190	.01500	.67800	.05232
.260	19.350	-.08480	-.05940	-.07980	1.13390	-.07830	-.00370	-.00260	.02000	.67800	.05505
.260	21.480	-.10580	-.06360	-.09000	1.24120	-.09047	-.00390	-.00870	.02600	.67600	.05956
.260	23.640	-.11880	-.07020	-.08920	1.37250	-.08675	-.00660	-.00050	.02000	.67600	.06409
.260	25.770	-.12130	-.07720	-.08130	1.46720	-.09625	-.00600	-.00370	.02300	.67200	.06786
.260	GRADIENT	-.05087	-.00112	.05017	.04468	-.05067	-.00009	-.00010	.00057	.02700	-.00033

041198 802C18P10M10N00W137E90V8 R5 Z0

(R09085) (18 NOV 74)

REFERENCE DATA

BRZF = 2880.0100 30.FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BRZF = 930.6000 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0025 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = .000
 CLV-LO = 10.000 ELV-LI = 10.000
 ELV-RI = 10.000 ELV-RO = 10.000
 RJDER = .000 SPDBRK = 25.000

RUN NO. 95/ 0 RM/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.463	-.00660	-.00430	-.06360	-.32780	-.00096	-.00090	.00000	.00000	.58000	.04603
.260	-8.340	-.01000	-.00390	-.08470	-.22770	.01208	-.00090	-.00010	.00000	.54700	.04590
.260	-6.222	-.01190	-.00750	-.06560	-.13120	.02408	-.00070	-.00030	.00000	.46000	.04551
.260	-4.080	-.01350	-.00920	-.06610	-.03660	.03324	-.00090	-.00050	.00100	-.01000	.04443
.260	-1.970	-.01530	-.01100	-.06600	-.05860	.03756	-.00090	-.00060	.00100	1.06600	.04402
.260	.130	-.01760	-.01330	-.06620	-.15370	.03019	-.00110	-.00100	.00200	.81000	.04369
.260	2.230	-.01820	-.01560	-.06560	-.24820	.03511	-.00130	-.00140	.00400	.75000	.04221
.260	4.340	-.02200	-.01960	-.06550	-.34110	.02789	-.00150	-.00140	.00500	.72300	.04123
.260	6.480	-.02500	-.02430	-.06670	-.44100	.01665	-.00160	-.00170	.00600	.70700	.04071
.260	8.610	-.03140	-.03020	-.05940	-.54570	.00214	-.00170	-.00190	.00500	.69900	.04079
.260	10.730	-.03870	-.03350	-.07020	-.65080	-.01367	-.00170	-.00220	.00700	.69200	.04124
.260	12.890	-.04670	-.03870	-.07370	-.76600	-.03072	-.00220	-.00090	.00900	.68700	.04253
.260	15.010	-.05600	-.04640	-.07930	-.88700	-.04749	-.00220	-.00140	.00900	.68500	.04435
.260	17.180	-.06990	-.05320	-.08730	1.01900	-.06514	-.00310	-.00170	.01300	.68300	.04772
.260	19.350	-.08930	-.05820	-.09540	1.15500	-.07933	-.00530	-.00230	.01900	.68200	.05131
.260	21.510	-.11120	-.06280	-.09810	1.27040	-.08146	-.00830	-.00770	.02600	.68000	.05633
.260	23.650	-.12510	-.06980	-.10900	1.40070	-.08746	-.00650	-.00520	.02300	.68000	.06169
.260	25.790	-.12680	-.07650	-.10150	1.49730	-.09731	-.00610	-.00440	.02300	.67700	.06620
.260	GRADIENT	-.00101	-.00121	.00008	.04482	-.00063	-.00006	-.00012	.00032	.05472	-.00039



DATE 01 MAR 75

TABULATED SOURCE DATA - 0A1198

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0A1198 802C12F10M7 N20M127E56V8 R5 X9

(RP9006) (18 NOV 74)

REFERENCE DATA

BRP = 8000.0100 30.FT. XMRP = 1070.0000 INCHES
 LRP = 474.0100 INCHES YMRP = .0000 INCHES
 BRP = 936.0000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 80PLAP = .000
 ELV-LO = 10.000 ELV-LI = 10.000
 ELV-RI = 10.000 ELV-RO = 10.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 96/ 5 RM/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CV	XCP/L	CAB
.260	-10.440	-.00550	-.00560	-.06650	-.53660	-.00452	.00020	-.00020	-.00300	.57900	.04190
.260	-8.300	-.00060	-.00730	-.06770	-.23140	.00930	.00020	-.00030	-.00020	.54400	.04190
.260	-6.180	-.01090	-.00930	-.06890	-.13300	.02219	.00010	-.00070	-.00020	.46200	.04144
.260	-4.950	-.01280	-.01100	-.06870	-.03400	.03097	.00010	-.00090	-.00100	-.00000	.04146
.260	-1.840	-.01450	-.01350	-.06890	.06320	.03611	.00000	-.00100	.00000	1.05300	.04078
.260	.150	-.01670	-.01530	-.06890	.16190	.03631	-.00020	-.00140	.00000	.80800	.04124
.260	2.260	-.01890	-.01760	-.06840	.25820	.03346	-.00060	-.00190	.00200	.74900	.04011
.260	4.350	-.02090	-.02150	-.06810	.35580	.02611	-.00080	-.00180	.00200	.72200	.03940
.260	6.500	-.02380	-.02610	-.06900	.45970	.01450	-.00090	-.00180	.00400	.70700	.03915
.260	8.620	-.03020	-.03110	-.07190	.56700	.00355	-.00100	-.00180	.00500	.69800	.03927
.260	10.780	-.03780	-.03530	-.07320	.67930	.01587	-.00110	-.00220	.00600	.69200	.04015
.260	12.920	-.04580	-.04050	-.07650	.79750	-.03330	-.00140	-.00110	.00700	.68700	.04150
.260	15.060	-.05560	-.04910	-.08290	.92470	-.03158	-.00140	-.00160	.00700	.68500	.04390
.260	17.230	-.06930	-.05520	-.09140	1.06260	-.06935	-.00210	-.00220	.01000	.68300	.04656
.260	19.380	-.08770	-.06960	-.09880	1.19920	-.08398	-.00400	-.00290	.01600	.68200	.04902
.260	21.510	-.11120	-.06550	-.10160	1.31350	-.08417	-.00020	-.00850	.02400	.68000	.05429
.260	23.680	-.12410	-.07240	-.11210	1.44930	-.09231	-.00350	-.00030	.01700	.68000	.05946
.260	25.820	-.12650	-.07860	-.10450	1.54820	-.10443	-.00500	-.00460	.02100	.67700	.06418
.260	GRADIENT	-.00098	-.00122	.00008	.04641	-.00039	-.00011	-.00013	.00038	.06297	-.00023

041198 86SC12P10M7 N28U127E36V8 R5 X9

(18F0007) (18 NOV 74)

REFERENCE DATA

SRZF = 2690.0100 90.FT. XMRP = 1076.6000 INCHES
 LRZF = 474.8100 INCHES YMRP = .0000 INCHES
 BRZF = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 80FLAP = -12.000
 ELV-LO = 10.000 ELV-LI = 10.000
 ELV-HI = 10.000 ELV-RO = 10.000
 RUDDER = .000 3PDBRK = 25.000

RUN NO. 97/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CV	XCF/L	CAB
.260	-10.450	-.00590	-.00570	-.00100	-.33780	-.00236	.00000	-.00020	-.00000	.59900	.04871
.260	-8.330	-.00930	-.00770	-.00290	-.25280	.01003	-.00010	-.00000	-.00100	.57500	.04781
.260	-6.220	-.01140	-.00960	-.00440	-.13310	.02401	-.00020	-.00000	.00000	.52100	.04737
.260	-4.100	-.01350	-.01140	-.00460	-.03640	.03285	-.00020	-.00000	.00000	.29900	.04728
.260	-1.970	-.01490	-.01340	-.00440	.04160	.03778	-.00030	-.00100	.00000	1.13300	.04713
.260	.150	-.01700	-.01550	-.00390	.14090	.03863	-.00040	-.00140	.00100	.79300	.04644
.260	2.250	-.01900	-.01790	-.00320	.23750	.03377	-.00070	-.00180	.00200	.73400	.04558
.260	4.340	-.02070	-.02150	-.00260	.33430	.02870	-.00100	-.00160	.00300	.71000	.04480
.260	6.490	-.02320	-.02630	-.00350	.43870	.01750	-.00120	-.00170	.00400	.69700	.04375
.260	8.650	-.03010	-.03110	-.00530	.54540	.00275	-.00140	-.00170	.00600	.68900	.04442
.260	10.750	-.03760	-.03500	-.00590	.65640	-.01326	-.00150	-.00230	.00800	.68400	.04440
.260	12.880	-.04580	-.04000	-.00920	.77480	-.03108	-.00200	-.00120	.00800	.68000	.04603
.260	15.060	-.05580	-.04890	-.00640	.90360	-.04970	-.00190	-.00170	.00900	.67900	.04814
.260	17.200	-.06580	-.05530	-.00740	1.03790	-.06685	-.00260	-.00220	.01200	.67800	.04954
.260	19.350	-.08720	-.06030	-.00200	1.17470	-.08241	-.00470	-.00280	.01700	.67800	.05257
.260	21.530	-.11080	-.06480	-.00420	1.29050	-.08281	-.00860	-.00870	.02500	.67600	.05883
.260	23.670	-.12220	-.07170	-.00270	1.42200	-.09146	-.00930	-.00100	.01900	.67600	.06164
.260	25.800	-.12450	-.07740	-.00300	1.51610	-.10293	-.00530	-.00420	.02100	.67200	.06370
.260	GRADIENT	-.00092	-.00117	.00025	.04632	-.00048	-.00009	-.00011	.00036	.00265	-.00031

041198 562C12P1DHT N20W127E33V8 R5 X9

(RF9098) (18 NOV 74)

REFERENCE DATA

XREF = 2699.9100 90-FT. XREF = 1076.6800 INCHES
 LREF = 474.8100 INCHES YREF = .0000 INCHES
 ZREF = 936.6800 INCHES ZREF = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 80CLAP = -12.000
 ELV-LO = 10.000 ELV-LI = 10.000
 ELV-RI = 10.000 ELV-RO = 10.000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 98/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLN	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.490	-.01900	-.01000	-.03970	-.38730	-.00482	.00000	-.00290	-.00100	.61400	.04646
.260	-8.380	-.02340	-.01230	-.04060	-.28320	.00948	-.00010	-.00220	-.00100	.59900	.04688
.260	-6.260	-.02460	-.01380	-.04180	-.18450	.02267	-.00010	-.00290	.00000	.56900	.04672
.260	-4.140	-.02480	-.01480	-.04180	-.08720	.03197	-.00020	-.00270	.00000	.47500	.04631
.260	-2.010	-.02510	-.01640	-.04120	.00970	.03706	-.00020	-.00280	.00000	2.20400	.04626
.260	.100	-.02620	-.01920	-.04100	.10890	.03879	-.00050	-.00300	.00200	.79000	.04531
.260	2.190	-.02720	-.02230	-.04040	.20670	.03638	-.00080	-.00280	.00300	.72400	.04429
.260	4.320	-.02850	-.02560	-.04030	.30610	.02954	-.00130	-.00280	.00300	.70000	.04392
.260	6.440	-.03130	-.03070	-.04320	.41330	.01886	-.00160	-.00290	.00600	.69000	.04292
.260	8.590	-.03640	-.03760	-.04720	.52440	.00470	-.00200	-.00290	.00800	.68500	.04262
.260	10.700	-.04320	-.04150	-.04900	.63600	-.01131	-.00210	-.00270	.00900	.68000	.04357
.260	12.880	-.05230	-.04870	-.05030	.75090	-.02810	-.00210	-.00210	.00900	.67700	.04448
.260	15.050	-.06120	-.05630	-.05280	.87060	-.04584	-.00190	-.00270	.00900	.67400	.04626
.260	17.140	-.07340	-.06240	-.05740	.99620	-.06376	-.00230	-.00330	.01200	.67300	.04825
.260	19.310	-.09150	-.06730	-.06270	1.13000	-.08022	-.00380	-.00410	.01600	.67200	.05017
.260	21.460	-.11710	-.07310	-.06410	1.24680	-.08112	-.00590	-.01070	.02700	.67100	.05360
.260	23.620	-.12640	-.08470	-.07310	1.37810	-.08790	-.00570	-.00150	.01800	.67100	.05813
.260	25.750	-.12120	-.09410	-.08430	1.47430	-.09586	-.00510	-.00560	.02200	.66800	.06201
.260	GRADIENT	-.00045	-.00130	.00016	.04637	-.00526	-.00013	-.00001	.00062	-.04838	-.00036

041198 862C12F10M7 N28W127E55V8 R. X9

(RF9098) (18 NOV 74)

REFERENCE DATA

REF = 2890.0100 30-FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 378.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = .000
 ELV-LI = 10.000 ELV-LI = 10.000
 ELV-RI = 10.000 ELV-RO = 10.000
 RUDDER = .000 SFD8RK = 25.000

RUN NO. 99/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHWEI	CHWEO	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.480	-.01980	-.01990	-.05360	-.36920	-.00623	.00020	-.00240	-.00200	.59800	.04123
.260	-8.350	-.02210	-.01220	-.05360	-.26700	-.00756	.00010	-.00240	-.00100	.57800	.04135
.260	-6.220	-.02380	-.01370	-.05450	-.16780	.02049	.00000	-.00260	.00000	.53200	.04140
.260	-4.110	-.02430	-.01470	-.05430	-.06920	.03009	.00000	-.00260	.00000	.36300	.04102
.260	-1.990	-.02470	-.01610	-.05420	.02820	.03340	-.00020	-.00290	.00000	1.35700	.04061
.260	.120	-.02600	-.01900	-.05400	.12630	.03700	-.00040	-.00290	.00200	.60900	.03986
.260	2.240	-.02730	-.02190	-.05420	.22640	.03439	-.00090	-.00290	.00300	.74000	.03938
.260	4.340	-.02860	-.02330	-.05450	.32470	.02704	-.00120	-.00300	.00500	.71400	.03892
.260	6.470	-.03180	-.03090	-.05810	.43400	.01627	-.00150	-.00290	.00500	.70100	.03833
.260	8.580	-.03710	-.03720	-.06240	.54370	.00216	-.00190	-.00270	.00700	.69400	.03867
.260	10.740	-.04330	-.04220	-.06350	.65370	-.01380	-.00170	-.00220	.00700	.68700	.03816
.260	12.990	-.05360	-.04890	-.06520	.77060	-.03059	-.00170	-.00180	.00400	.68300	.04054
.260	15.040	-.06260	-.05870	-.06770	.89080	-.04841	-.00160	-.00220	.00800	.68000	.04264
.260	17.190	-.07350	-.06240	-.07300	1.02100	-.06383	-.00180	-.00340	.01000	.67800	.04466
.260	19.330	-.09420	-.06830	-.08010	1.15620	-.08090	-.00390	-.00380	.01500	.67700	.04691
.260	21.490	-.11920	-.07360	-.08220	1.27090	-.08116	-.00800	-.01000	.02300	.67600	.05124
.260	23.840	-.12970	-.08510	-.09150	1.40280	-.08821	-.00530	-.00170	.01600	.67600	.05618
.260	25.780	-.12400	-.08500	-.08400	1.50270	-.10050	-.00490	-.00570	.02100	.67200	.06107
GRADIENT		-.00033	-.00128	-.00002	.04666	-.00034	-.00015	-.00002	.00062	.00410	-.00026

DATE 01 MAR 75

TABULATED SOURCE DATA - 041198

PAGE 01

041198 002C10F10H10N20W10T05SV0 R5 X9

(R79100) (10 NOV 74)

REFERENCE DATA

REF = 2000.0100 36.00 INCHES
LREF = 474.0100 INCHES
REF = 936.0000 INCHES
SCALE = .0400 SCALE

YMRP = 1076.0000 INCHES
YMRP = .0000 INCHES
ZMRP = 375.0000 INCHES

PARAMETRIC DATA

BETA = .000
ELV-LO = .000
ELV-RI = 10.000
RUDDER = .000
BCFLAP = .000
ELV-LI = 10.000
ELV-RO = .000
SFDBRK = 25.000

RUN NO. 195/ 0 RM/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLH	CN	CAF	CYN	CBL	CV	KCP/L	CAB
.260	-10.510	-.01490	.02230	-.02190	-.41740	-.00809	-.00020	-.00090	-.00100	.67000	.03371
.260	-8.390	-.01630	.02100	-.01980	-.32210	.00380	.00000	-.00080	-.00100	.62900	.04323
.260	-6.270	-.01700	.01810	-.02110	-.22590	.01643	.00000	-.00090	-.00100	.61700	.04318
.260	-4.150	-.01840	.01520	-.02170	-.13030	.02690	.00000	-.00090	.00000	.59000	.04208
.260	-2.040	-.01890	.01340	-.02140	-.03670	.03183	.00000	-.00080	.00000	.43800	.04132
.260	.070	-.01940	.01210	-.02080	.03620	.03337	.00000	-.00090	.00000	.78800	.04061
.260	2.160	-.02010	.01020	-.02010	.19070	.03026	-.00010	-.00110	.00100	.70100	.04015
.260	4.290	-.02160	.00770	-.01990	.24630	.02388	-.00030	-.00130	.00100	.68200	.03919
.260	6.420	-.02390	.00380	-.02280	.35200	.01325	-.00040	-.00110	.00200	.67600	.03869
.260	8.550	-.02800	-.00130	-.02600	.45570	-.00071	-.00090	-.00120	.00400	.67300	.03890
.260	10.660	-.03560	-.00770	-.02760	.56060	-.01597	-.00110	-.00080	.00600	.67000	.03945
.260	12.800	-.04520	-.01450	-.02720	.66500	-.03191	-.00130	-.00100	.00700	.66700	.04006
.260	14.940	-.05420	-.02360	-.02940	.78070	-.04957	-.00160	-.00130	.00900	.66500	.04218
.260	17.110	-.06710	-.02910	-.03640	.90930	-.06782	-.00210	-.00220	.01100	.66700	.04524
.260	19.260	-.08380	-.03060	-.04290	1.03940	-.08270	-.00330	-.00340	.01500	.66700	.04912
.260	21.400	-.10650	-.04340	-.04870	1.16000	-.08582	-.00420	-.00740	.02400	.66700	.05252
.260	23.570	-.12470	-.06230	-.06110	1.29380	-.09128	-.00600	-.00240	.01800	.66900	.05695
.260	25.750	-.11350	-.08020	-.06780	1.44050	-.10442	-.00900	-.00410	.02000	.66900	.06227
GRADIENT?		-.00036	-.00086	.00023	.04464	-.00532	-.00003	-.00005	.00014	.02120	-.00033

DATE 01 MAR 79

TABULATED SOURCE DATA - 041198

PAGE 02

041198 060C10F10H10M18W18T05V0 NS X0

(RFS101) (18 NOV 74)

REFERENCE DATA

REF = 2000.0100 80-FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 SCFLAP = .000
 ELV-LO = 20.000 ELV-LI = 10.000
 ELV-RI = 10.000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 101/ 0 RW/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CMME1	CMME0	CLM	CN	CAF	CYN	CBL	CV	XCP/L	CAB
.260	-10.490	-.02160	-.02840	-.04200	-.37470	-.00305	-.00240	.00980	.00000	.61100	.04439
.260	-8.370	-.02410	-.02650	-.04140	-.27880	.00987	-.00220	.01050	-.00100	.59700	.04424
.260	-6.240	-.02520	-.03040	-.04250	-.18150	.02233	-.00190	.01050	-.00200	.56650	.04396
.260	-4.140	-.02640	-.03270	-.04290	-.08750	.03203	-.00160	.01050	-.00300	.47100	.04279
.260	-2.010	-.02820	-.03850	-.04380	.00910	.03757	-.00170	.01100	-.00300	2.42100	.04216
.260	.070	-.03210	-.04730	-.04570	.10320	.03933	-.00190	.01820	-.00400	.81200	.04170
.260	2.210	-.03450	-.05320	-.04660	.20440	.03649	-.00200	.01290	-.00500	.73600	.04118
.260	4.320	-.03630	-.05890	-.04780	.30170	.03059	-.00200	.01340	-.00600	.71000	.03983
.260	6.460	-.04190	-.06590	-.05360	.41060	.02013	-.00250	.01450	-.00600	.70000	.03943
.260	8.590	-.04860	-.07580	-.05880	.51940	.00647	-.00340	.01570	-.00500	.69400	.03983
.260	10.730	-.05540	-.08380	-.06080	.62640	.00887	-.00370	.01650	-.00500	.68800	.04027
.260	12.860	-.06140	-.08570	-.06310	.73060	-.02510	-.00390	.01630	-.00400	.68200	.04084
.260	14.970	-.06890	-.09130	-.05940	.83940	-.04287	-.00430	.01470	-.00200	.67800	.04291
.260	17.130	-.08060	-.09240	-.06620	.96610	-.06032	-.00490	.01300	.00100	.67700	.04540
.260	19.310	-.10050	-.09710	-.07270	1.09770	-.07522	-.00580	.01140	.00300	.67600	.04834
.260	21.450	-.12570	-.09830	-.07490	1.21080	-.07768	-.01140	.00400	.01700	.67500	.05346
.260	23.600	-.13430	-.11280	-.08600	1.34370	-.08291	-.00940	.01010	.01100	.67500	.05749
.260	25.740	-.12590	-.12150	-.08970	1.46570	-.09467	-.00920	.00610	.01700	.67400	.05298
.260	GRADIENT	-.00187	-.00317	-.00060	.04606	-.00024	-.00005	.00036	-.00038	-.00659	-.00032



GATE 01 MAR 75 TABULATED SOURCE DATA - 041108

(RFS108) (18 NOV 74)

041108 862C10P10M10N20M127E55V8 R3 X9

PARAMETRIC DATA

BETA = .300 BOFLAP = .000
ELV-LO = 20.000 ELV-LI = 10.000
ELV-RI = 10.000 ELV-RO = 20.000
RUGHR = .000 SPDRBK = 25.000

REFERENCE DATA

SRCP = 8890.0100 50.FT. XMRP = 1076.6800 INCHES
LRCP = 474.8100 INCHES YMRP = .0000 INCHES
SRCP = 936.6800 INCHES ZMRP = .375.0000 INCHES
SCALE = .0400 SCALE

RUN NO. 108/ 0 E2/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHWEO	CLW	CN	CAP	CYN	CBL	CY	XCP/L	CAS
.260	-10.460	-.02170	-.02860	-.06630	-.33120	.00429	.00020	-.00260	.00000	.57800	.04522
.260	-8.320	-.02390	-.02910	-.06820	-.22790	.01840	.00020	-.00340	.00000	.54200	.04479
.260	-6.180	-.02310	-.03020	-.06970	-.12990	.03130	.00010	-.00350	.00000	.45400	.04446
.260	-4.100	-.02630	-.03250	-.07030	-.03650	.03999	.00010	-.00360	.00000	-.03800	.04380
.260	-1.970	-.02940	-.03980	-.07310	.06340	.04598	.00000	-.00390	.00100	1.07600	.04303
.260	.150	-.03230	-.04780	-.07800	.16670	.04851	-.00020	-.00410	.00200	.82400	.04243
.260	2.870	-.03490	-.05380	-.08240	.26790	.04700	-.00040	-.00530	.00400	.78500	.04159
.260	4.390	-.03770	-.06020	-.08580	.37080	.04047	-.00030	-.00550	.00400	.73700	.04103
.260	6.520	-.04250	-.06660	-.09210	.48210	.03046	-.00030	-.00460	.00900	.72200	.04081
.260	8.650	-.04910	-.07640	-.09920	.59470	.01780	-.00040	-.00460	.00700	.71300	.04057
.260	10.790	-.05600	-.08400	-.10150	.70290	.00200	-.00060	-.00430	.00700	.70500	.04121
.260	12.930	-.06220	-.08610	-.09850	.80490	-.01596	-.00070	-.00390	.00700	.69700	.04214
.260	15.060	-.06990	-.09210	-.09530	.91110	-.03351	-.00080	-.00300	.00600	.69000	.04345
.260	17.190	-.08210	-.09270	-.09770	1.02990	-.05048	-.00130	-.00290	.01000	.68700	.04625
.260	19.370	-.10280	-.09680	-.10540	1.16330	-.06298	-.00350	-.00570	.01500	.68500	.04955
.260	21.500	-.12690	-.09890	-.10190	1.26050	-.06353	-.00620	-.00710	.02000	.68200	.05427
.260	23.640	-.13370	-.11340	-.11310	1.39440	-.07144	-.00930	-.00190	.01800	.68200	.05886
.260	25.790	-.12560	-.12160	-.10830	1.49700	-.08240	-.00430	-.00360	.01900	.67800	.06401
GRADIENT		-.00138	-.00332	-.00190	.04803	.00009	-.00006	-.00024	.00052	.00019	-.00033

041108 082C12P10M16N28W187E29S08 85 N9

(18 NOV 74)

REFERENCE DATA

BRZF = 8000.0100 20-PT. XMRP = 1070.0000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BRZF = 936.6800 INCHES ZMRP = 379.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = .000
 ELV-LO = 9.000 ELV-LT = 10.000
 ELV-RI = 10.000 ELV-RO = 5.000
 RUDDER = .000 SPODBK = 25.000

RUN NO. 103/ 0 RW/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHWET	CHWEO	CLN	CN	CAP	CYN	CBL	CY	KCP/L	CAB
.260	-10.370	-.01660	.00600	-.03600	-.30000	-.00713	-.00020	-.00140	.00000	.61700	.04453
.260	-8.200	-.01970	.00440	-.03800	-.29200	.00387	-.00010	-.00120	.00000	.60700	.04439
.260	-6.170	-.02140	.00170	-.03720	-.19300	.01003	.00020	-.00130	.00000	.58100	.04398
.260	-4.110	-.02220	-.00020	-.03730	-.09030	.02878	-.00020	-.00140	.00000	.51100	.04283
.260	-2.020	-.02240	-.00120	-.03720	-.00500	.03363	.00020	-.00170	.00000	-.8.03600	.04100
.260	.060	-.02290	-.00280	-.03630	.08990	.03450	-.00030	-.00170	.00100	.80100	.04179
.260	2.130	-.02300	-.00330	-.03600	.10450	.03192	-.00050	-.00180	.00200	.72400	.04075
.260	4.210	-.02330	-.00430	-.03600	.20330	.02483	-.00090	-.00190	.00300	.69900	.04040
.260	6.340	-.02800	-.01360	-.03920	.30630	.01431	-.00130	-.00180	.00500	.68900	.03968
.260	8.400	-.03270	-.02050	-.04250	.49160	.00050	-.00170	-.00130	.00700	.68400	.03923
.260	10.520	-.04040	-.02630	-.04380	.59890	-.01558	-.00170	-.00120	.00700	.67900	.04012
.260	12.570	-.04930	-.03230	-.04410	.70530	-.03157	-.00190	-.00090	.00700	.67500	.04099
.260	14.680	-.05840	-.04320	-.04700	.82520	-.04941	-.00210	-.00090	.00900	.67300	.04319
.260	16.790	-.07070	-.04860	-.05120	.95110	-.06639	-.00240	-.00240	.01100	.67200	.04561
.260	18.930	-.09020	-.04990	-.05970	1.08570	-.08206	-.00360	-.00340	.01500	.67200	.04844
.260	21.040	-.11500	-.06180	-.06550	1.20900	-.08398	-.00920	-.00920	.02600	.67200	.05329
.260	23.160	-.12990	-.07690	-.07840	1.34820	-.08946	-.00960	-.00180	.01700	.67300	.05796
.260	25.290	-.12010	-.08930	-.07810	1.46760	-.10103	-.00320	-.00480	.02100	.67100	.06340
.260	GRADIENT	-.00037	-.00100	.00020	.04502	-.00047	-.00008	-.00003	.00036	.15056	-.00029



DATE 01 MAR 73

TABULATED SOURCE DATA - 041198

PAGE 85

041198 868C1P10H16N20W12E55V8 R5 X9

(NF9104) (18 NOV 74)

REFERENCE DATA

SREF = 2600.0100 30.FT. XMRP = 1076.0000 INCHES
LREF = 474.0100 INCHES YMRP = .0000 INCHES
BREF = 936.0000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

BETA = .000 80FLAP = .000
ELV-LO = 5.000 ELV-LI = 5.000
ELV-RI = 5.000 ELV-RO = 5.000
RUDDER = .000 SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 104/ 0 RM/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

NACH	ALPHA	CHMEI	CHME0	CLM	CN	CAF	CYN	CBL	CV	KCP/L	CAB
.260	-10.400	.01420	.00820	-.01400	-.43690	-.01221	-.00030	-.00030	.00000	.63900	.04310
.260	-8.290	.00950	.00640	-.01510	-.33450	.00114	-.00010	-.00030	-.00100	.63500	.04330
.260	-6.210	.00820	.00400	-.01540	-.24070	.01409	.00000	-.00040	-.00100	.62800	.04216
.260	-4.120	.00830	.00190	-.01520	-.14400	.02342	.00000	-.00050	-.00100	.61300	.04220
.260	-2.050	.00810	.00070	-.01400	-.05230	.02920	.00000	-.00070	.00000	.54700	.04107
.260	.020	.00760	-.00070	-.01400	.04380	.03091	.00000	-.00080	.00000	.77000	.03971
.260	2.110	.00680	-.00300	-.01390	.14040	.02613	-.00040	-.00100	.00100	.68800	.03913
.260	4.160	.00600	-.00590	-.01380	.23610	.02160	-.00060	-.00110	.00200	.67300	.03857
.260	6.280	.00380	-.01030	-.01460	.33620	.01146	-.00100	-.00110	.00300	.66800	.03776
.260	8.380	-.00110	-.01630	-.01590	.43920	.00252	-.00110	-.00050	.00400	.66900	.03787
.260	10.450	-.00770	-.02110	-.01580	.53940	-.01764	-.00150	-.00060	.00600	.66300	.03834
.260	12.540	-.01490	-.02700	-.01470	.64560	-.03424	-.00180	-.00040	.00700	.66000	.03981
.260	14.650	-.02250	-.03010	-.01670	.76160	-.05150	-.00180	-.00040	.00800	.66000	.04192
.260	16.770	-.03540	-.04380	-.02360	.89060	-.06920	-.00230	-.00140	.01100	.66200	.04510
.260	18.880	-.05270	-.04470	-.03030	1.02300	-.08469	-.00390	-.00280	.01600	.66300	.04859
.260	21.010	-.07450	-.05680	-.03500	1.14520	-.08760	-.00540	-.00340	.02600	.66300	.05248
.260	23.150	-.08940	-.07090	-.04490	1.28020	-.09596	-.00690	-.00210	.02000	.66500	.05684
.260	25.260	-.08410	-.06150	-.04480	1.39610	-.10560	-.00510	-.00360	.02000	.66400	.06136
	GRADIENT	-.00026	-.00093	.00018	.04607	-.00023	-.00008	-.00007	.00034	.01260	-.00044

041108 062C12710N16N20W127E3908 RS 10

(RFS108) (18 NOV 74)

REFERENCE DATA

REF = 2600.0100 SQ.FT. XMRP = 1876.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 DOFLAP = .000
 ELV-LO = 5.000 ELV-LI = 15.000
 ELV-RI = 15.000 ELV-RO = 5.000
 RUDDER = .000 SPOBRK = 25.000

RUN NO. 105/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CWNET	CWCEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.360	-.05180	.00420	-.05680	-.35170	.00000	.00000	-.00160	.00000	.59200	.04583
.260	-8.260	-.05490	.00230	-.05590	-.25390	.01315	-.00010	-.00140	.00000	.57100	.04340
.260	-6.170	-.05680	.00000	-.05660	-.15690	.02645	-.00010	-.00150	.00000	.51900	.04436
.260	-4.100	-.05770	-.00170	-.05730	-.06260	.03490	-.00010	-.00160	.00000	.31500	.04452
.260	-2.000	-.05820	-.00260	-.05650	-.03360	.04044	-.00020	-.00160	.00000	1.26700	.04336
.260	.080	-.05840	-.00480	-.05580	.12760	.04059	-.00040	-.00170	.00200	.81300	.04366
.260	2.160	-.05870	-.00730	-.05460	.22180	.03697	-.00050	-.00170	.00200	.74200	.04286
.260	4.230	-.05900	-.01060	-.05430	.31360	.03013	-.00090	-.00190	.00400	.71500	.04196
.260	6.310	-.06510	-.01620	-.06000	.42550	.01966	-.00130	-.00180	.00500	.70400	.04106
.260	8.400	-.07320	-.02390	-.06700	.53970	.00569	-.00150	-.00150	.00600	.69800	.04106
.260	10.520	-.08300	-.03020	-.06990	.65120	-.01033	-.00180	-.00150	.00800	.69100	.04207
.260	12.630	-.09420	-.03640	-.07070	.76060	-.02662	-.00220	-.00110	.00900	.68600	.04273
.260	14.750	-.10360	-.04760	-.07480	.86170	-.04412	-.00240	-.00090	.00900	.68300	.04480
.260	16.820	-.11472	-.05150	-.08100	1.00700	-.06116	-.00270	-.00020	.01200	.68100	.04736
.260	18.960	-.13400	-.05380	-.08870	1.14550	-.07707	-.00410	-.00310	.01600	.68000	.05091
.260	21.090	-.15620	-.06670	-.09620	1.27180	-.07766	-.01000	-.00980	.02700	.68000	.05581
.260	23.220	-.17230	-.08630	-.11080	1.41580	-.08188	-.00660	-.00170	.02000	.68100	.06143
.260	25.330	-.15840	-.09670	-.10930	1.53320	-.09511	-.00580	-.00510	.02400	.67800	.06618
GRADIENT	-.00084	-.00107	-.00107	-.00038	.04538	-.00062	-.00009	-.00003	.00048	.01342	-.00031



041198 88C12F10H10H20H127E3SV8 R5 X9

(RP9106) (18 NOV 74)

REFERENCE DATA

SREF = 2695.9177 30. FT. YMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
SREF = 936.6800 INCHES YMRP = 375.0000 INCHES
SCALE = .0405 SCALE

BETA =
ELV-LO =
ELV-RI =
RUDDER =

.000 90FLAP = .000
15.000 ELV-LI = 15.000
15.000 ELV-RO = 15.000
.000 SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 106/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHWEI	CHWEO	CLN	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.310	-.05800	-.02610	-.09200	-.30400	.00886	.00020	-.00360	.00000	.58200	.04684
.260	-8.240	-.05990	-.02800	-.08200	-.20630	.02238	.00020	-.00360	.00000	.50600	.04606
.260	-6.130	-.05990	-.02800	-.08210	-.10870	.03479	.00030	-.00360	.00000	.37400	.04516
.260	-4.050	-.06090	-.03060	-.08270	-.01150	.04386	.00010	-.00350	.00000	-1.98400	.04470
.260	-1.900	-.06200	-.03370	-.08340	.08190	.04865	.00010	-.00360	.00100	1.02700	.04396
.260	.090	-.06450	-.03910	-.08520	.17940	.05012	-.00020	-.00400	.00200	.82700	.04329
.260	2.170	-.06520	-.04300	-.08550	.27510	.04819	-.00060	-.00400	.00400	.76600	.04318
.260	4.240	-.06810	-.04940	-.08750	.37440	.03977	-.00090	-.00370	.00500	.73800	.04250
.260	6.350	-.07440	-.05490	-.09570	.49170	.02903	-.00130	-.00370	.00700	.78300	.04151
.260	8.460	-.08470	-.06190	-.10500	.61120	.01535	-.00160	-.00350	.00800	.71500	.04170
.260	10.540	-.09530	-.06890	-.11080	.72770	.00022	-.00150	-.00400	.00900	.70800	.04276
.260	12.650	-.10300	-.07380	-.11010	.83620	-.01670	-.00140	-.00350	.00800	.70000	.04360
.260	14.780	-.11130	-.08180	-.11080	.93140	-.03418	-.00120	-.00360	.00800	.69500	.04547
.260	16.870	-.12440	-.08390	-.11330	1.07610	-.05123	-.00190	-.00390	.01200	.69100	.04342
.260	19.000	-.14480	-.08710	-.12510	1.21600	-.06118	-.00640	-.00590	.02100	.69000	.05251
.260	21.130	-.16920	-.09150	-.12480	1.32680	-.06444	-.00790	-.00930	.02400	.68600	.05769
.260	23.230	-.17750	-.10510	-.13750	1.46730	-.07194	-.00800	-.00200	.01900	.68600	.06284
.260	25.340	-.16440	-.11440	-.12450	1.55620	-.08269	-.00450	-.00410	.02000	.68100	.06728
GRADIENT		-.00064	-.00226	-.00056	.04655	-.00051	-.00013	-.00004	.00063	.24988	-.00030

0A1198 B08C10710N10N20N127E35N8 R5 X0

(RFP9107) (10 NOV 74)

REFERENCE DATA

QREF = 2000.0100 90.FT. YMRP = 1076.6800 INCHES
 LREF = 474.9100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -12.000
 ELV-LO = 15.000 ELV-LI = 15.000
 ELV-RI = 15.000 ELV-RO = 15.000
 RUDDER = .000 SPDSBK = 25.000

RUN NO. 107/ 0 RW/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACN	ALPHA	CHMEI	CHMEO	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.320	-.03990	-.02640	-.06930	-.31870	.01166	.00010	-.00330	.00000	.57200	.05204
.260	-8.230	-.06170	-.02860	-.07030	-.21870	.02506	.00000	-.00330	.00000	.53300	.05172
.260	-6.160	-.06160	-.02930	-.07130	-.12300	.03717	.00000	-.00330	.00100	.43800	.05160
.260	-4.050	-.06220	-.03090	-.07200	-.02340	.04612	-.00020	-.00330	.00100	-.38900	.05110
.260	-1.980	-.06350	-.03450	-.07250	.06840	.05138	-.00030	-.00330	.00200	1.03600	.05019
.260	.100	-.06590	-.03980	-.07350	.16630	.05272	-.00050	-.00360	.00300	.81500	.04937
.260	2.170	-.06680	-.04400	-.07280	.25890	.04891	-.00120	-.00370	.00600	.75500	.04892
.260	4.260	-.06870	-.04970	-.07350	.35870	.04215	-.00150	-.00350	.00700	.72700	.04731
.260	6.340	-.07420	-.05550	-.08080	.47130	.03176	-.00190	-.00360	.00900	.71500	.04640
.260	8.450	-.08430	-.06200	-.08940	.59230	.01811	-.00260	-.00340	.01200	.70700	.04640
.260	10.540	-.09470	-.06890	-.09540	.70760	.00303	-.00250	-.00370	.01200	.69100	.04692
.260	12.680	-.10230	-.07370	-.09490	.81690	-.01450	-.00250	-.00320	.01200	.69500	.04802
.260	14.760	-.11060	-.08140	-.09570	.93230	-.03211	-.00230	-.00330	.01200	.69000	.04943
.260	16.870	-.12290	-.08390	-.10000	1.05470	-.04956	-.00240	-.00370	.01300	.68700	.05224
.260	19.000	-.14420	-.08720	-.11000	1.19750	-.05940	-.00680	-.00590	.02300	.68600	.05575
.260	21.120	-.16790	-.09080	-.10860	1.30520	-.06309	-.00810	-.00970	.02600	.68200	.06032
.260	23.210	-.17510	-.10400	-.11930	1.44220	-.07123	-.00570	-.00170	.01900	.68200	.06494
.260	25.320	-.16080	-.11350	-.10840	1.53030	-.08253	-.00460	-.00390	.02100	.67700	.07008
.260	GRADIENT	-.00578	-.00227	-.00016	.04611	-.00050	-.00017	-.00004	.00077	.09380	-.00043



DATE 01 MAR 75

TABULATED SOURCE DATA - 041198

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041198 062C12P10N1620W127233V8 R5 X9

(R09108) (18 NOV 74)

REFERENCE DATA

SRP = 2600.0100 90.FT. XMRP = 1076.6800 INCHES
LRP = 474.0100 INCHES YMRP = .0000 INCHES
BRP = 936.6800 INCHES ZMRP = 373.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = .000
ELV-LO = 15.000 ELV-LI = 15.000
ELV-RI = 15.000 ELV-RO = -5.000
RUDDER = .000 SPDRK = 25.000

RUN NO. 108/ 0 RN/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHMEO	CLN	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-10.350	-.03800	-.02610	-.05140	-.36010	.00232	-.00170	.01260	-.00100	.59000	.04489
.260	-8.260	-.03850	-.02780	-.05060	-.26310	.01476	-.00170	.01310	.00000	.58100	.04534
.260	-6.170	-.03900	-.02860	-.05160	-.16450	.02809	-.00140	.01290	-.00200	.53600	.04433
.260	-4.080	-.03980	-.03020	-.05250	-.06790	.03698	-.00120	.01280	-.00200	.36700	.04400
.260	-2.020	-.06120	-.03340	-.05300	.02630	.04261	-.00080	.01310	-.00400	1.39200	.04291
.260	.050	-.06350	-.03860	-.05300	.12180	.04361	-.00080	.01360	-.00500	.81200	.04242
.260	2.140	-.06460	-.04280	-.05280	.21780	.04029	-.00080	.01390	-.00500	.74100	.04198
.260	4.230	-.06750	-.04880	-.05420	.31700	.03399	-.00060	.01450	-.00700	.71500	.04059
.260	6.320	-.07310	-.05440	-.06150	.42800	.02310	-.00090	.01510	-.00700	.70500	.04053
.260	8.440	-.08340	-.06140	-.06880	.54510	.00937	-.00160	.01680	-.00500	.69800	.04096
.260	10.510	-.09370	-.06820	-.07310	.66600	.00591	-.00190	.01650	-.00300	.68700	.04198
.260	12.630	-.10130	-.07530	-.07410	.76600	.00239	-.00240	.01610	-.00200	.68300	.04292
.260	14.730	-.10980	-.08110	-.07560	.84160	-.04087	-.00315	.01360	.00000	.68200	.04536
.260	16.810	-.12200	-.08340	-.08230	1.00960	-.05617	-.00380	.01400	.00400	.65100	.04775
.260	18.950	-.14130	-.08910	-.09070	1.14840	-.07278	-.00370	.00570	.02000	.67900	.05137
.260	21.080	-.16650	-.09050	-.09280	1.26300	-.07420	-.01200	.01080	.02000	.68000	.05591
.260	23.200	-.17690	-.10360	-.10740	1.41080	-.08131	-.00930	.00260	.01300	.67800	.06087
.260	25.320	-.16430	-.11400	-.11030	1.53340	-.09325	-.00970	.00020	.02500	.67800	.06675
GRADIENT		-.03089	-.00224	-.00015	.04626	-.00040	.00006		-.00053	.00194	-.00037

9A1198 86SC12F10M16N2M127E55V0 R3 X9

(RP9109) (18 NOV 74)

REFERENCE DATA

SREF = 8093.0195 90.FT. KMRP = 1376.6800 INCHES
LREF = 474.0195 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 SCFLAP = .000
ELV-LO = 5.000 ELV-LJ = 18.000
ELV-RI = 15.000 ELV-RJ = -9.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 109/ 0 RW/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

NACH	ALPHA	CHMEI	CHWEO	CLN	CN	CAP	CYN	CBL	CV	XCP/L	CAB
.260	-10.360	-.05110	.00420	-.04110	-.30200	-.00193	-.00050	.00710	.00000	.61200	.04511
.260	-8.260	-.05390	.00230	-.03990	-.28420	.01148	-.00040	.00730	.00000	.60000	.04468
.260	-6.310	-.05560	.00000	-.04100	-.19330	.02401	-.00020	.00710	.00000	.57400	.04366
.260	-4.110	-.05700	-.00170	-.04170	-.09110	.03369	.00000	.00690	-.00100	.48300	.04330
.260	-2.020	-.05730	-.00280	-.04150	.00370	.03910	.00020	.00690	-.00100	4.77600	.04279
.260	.060	-.05760	-.00470	-.04070	.09840	.03982	.00030	.00690	-.00200	.80400	.04251
.260	2.140	-.05760	-.00740	-.03990	.19370	.03698	.00030	.00690	-.00100	.72800	.04137
.260	4.200	-.05910	-.01080	-.03990	.26800	.03011	.00010	.00670	.00000	.70300	.04090
.260	6.310	-.06410	-.01590	-.04260	.39780	.01967	.00020	.00670	-.00100	.69400	.04023
.260	8.390	-.07170	-.02390	-.05190	.50930	.00568	-.00010	.00740	.00000	.68900	.04074
.260	10.520	-.08160	-.03040	-.05520	.62270	-.01026	-.00030	.00750	.00000	.68400	.04164
.260	12.610	-.09290	-.03630	-.05710	.73290	-.02654	-.00070	.00720	.00000	.68100	.04257
.260	14.720	-.10220	-.04730	-.05970	.85130	-.04488	-.00140	.00760	.00000	.67800	.04500
.260	16.830	-.11410	-.05080	-.06780	.98400	-.06301	-.00230	.00600	.00200	.67700	.04799
.260	18.950	-.13270	-.05330	-.07590	1.11620	-.07749	-.00340	.00550	.00500	.67600	.05055
.260	21.080	-.15660	-.06620	-.08030	1.23930	-.07916	-.01000	.00500	.00300	.67600	.05360
.260	23.190	-.17110	-.08530	-.09550	1.36670	-.08531	-.00780	.00460	.01800	.67700	.06076
.260	25.320	-.19780	-.09890	-.10250	1.52090	-.09851	-.00660	.00000	.02100	.67700	.06599
	GRADIENT	-.00022	-.00158	.00026	.04571	-.00046	.00001	-.00002	.00013	-.17319	-.00030

DATE 01 MAR 79

TABULATED SOURCE DATA - 0A1198

PAGE 91

0A1198 B08C18F10N10Z0W18P755V0 RS 10

(RP9110) (18 NOV 74)

REFERENCE DATA

XREF = 2690.0100 30.FT. XMRP = 1076.6800 INCHES
 LREF = 474.0100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = 10.000 ELV-LI = 15.000
 ELV-RI = 15.000 ELV-RO = -10.000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 110/ 0 RM/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CV	KCF/L	CAB
.260	-10.500	-.03540	-.01290	-.03920	-.30260	.00088	-.00080	.01520	.00000	.61400	.04479
.260	-8.380	-.05870	-.01820	-.03820	-.20650	.01397	-.00060	.01500	-.00100	.60300	.04390
.260	-6.290	-.03850	-.01670	-.03970	-.18720	.02670	-.00040	.01450	-.00200	.57400	.04343
.260	-4.130	-.05970	-.01780	-.04100	-.09280	.03633	-.00010	.01420	-.00300	.48600	.04282
.260	-2.010	-.06000	-.01920	-.04150	.00380	.04111	.00020	.01400	-.00400	4.86400	.04234
.260	.090	-.06060	-.02230	-.04150	.09810	.04266	.00040	.01400	-.00500	.80700	.04149
.260	2.200	-.06080	-.02580	-.04170	.19540	.03938	.00040	.01410	-.00500	.75000	.04153
.260	4.300	-.06220	-.02950	-.04210	.29010	.03287	.00060	.01410	-.00600	.70500	.04049
.260	6.440	-.06740	-.03460	-.04720	.39800	.02211	.00060	.01460	-.00700	.69500	.04005
.260	8.580	-.07610	-.04260	-.05340	.50910	.00855	.00050	.01550	-.00700	.69000	.04063
.260	10.700	-.08610	-.04770	-.05640	.61850	-.00683	.00040	.01600	-.00700	.68500	.04076
.260	12.850	-.09170	-.05410	-.05920	.73150	-.02335	-.00020	.01620	-.00600	.68200	.04233
.260	14.990	-.10440	-.06340	-.06150	.84640	-.04106	-.00090	.01610	-.00400	.67900	.04436
.260	17.140	-.11670	-.06740	-.06780	.97390	-.05878	-.00180	.01500	-.00100	.67700	.04701
.260	19.320	-.13500	-.07230	-.07480	1.10550	-.07372	-.00310	.01450	.00000	.67700	.05051
.260	21.480	-.15940	-.07810	-.07890	1.22200	-.07462	-.00990	.00780	.01600	.67600	.05509
.260	23.630	-.17120	-.08240	-.09590	1.36930	-.08221	-.00800	.01100	.01200	.67800	.06026
.260	25.810	-.15760	-.10250	-.09840	1.49080	-.09502	-.00810	.00440	.02100	.67600	.06521
.260	GRADIENT	-.00028	-.00142	-.00011	.04525	-.00038	.00008	-.00000	-.00033	-.16527	-.00026

041108 062C12F10M16N20M187C55V8 R3 10

(RFS111) (18 NOV 74)

REFERENCE DATA

REF = 2090.0100 90.FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 RREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0455 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = 10.000 ELV-LI = 19.000
 ELV-RI = 15.000 ELV-RO = .000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 111/ 0 RM/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

NACH	ALPHA	CHMEI	CHMEZ	CLM	CN	CAF	CYN	CB	CV	XCP/L	CAB
.260	-10.460	-.05540	-.01380	-.05490	-.35010	.09086	-.00100	.05010	.00000	.59400	-.04332
.260	-8.340	-.05800	-.01550	-.05310	-.23600	.01361	-.00100	.00640	.00000	.57500	-.04485
.260	-6.220	-.05910	-.01700	-.05390	-.18830	.02596	-.00090	.00630	.00000	.55600	-.04473
.260	-4.110	-.05980	-.01800	-.05450	-.06330	.03569	-.00070	.00610	.00000	.53500	-.04374
.260	-2.020	-.06010	-.01940	-.05440	.02850	.04029	-.00050	.00610	.00000	1.35300	-.04341
.260	.100	-.06100	-.02270	-.05390	.18310	.04144	-.00030	.00620	.00000	.81300	-.04267
.260	2.220	-.06090	-.02610	-.05320	.21810	.03037	-.00060	.00680	.00000	.74200	-.04138
.260	4.320	-.06230	-.02980	-.05290	.31200	.03091	-.00040	.00660	-.00100	.71400	-.04090
.260	6.470	-.06760	-.03490	-.05320	.42200	.02028	-.00100	.00670	.00100	.70400	-.04535
.260	8.590	-.07630	-.04290	-.06840	.53540	.00662	-.00120	.00710	.00100	.69700	-.04057
.260	10.740	-.08670	-.04820	-.07210	.64740	-.02098	-.00160	.00730	.00200	.69200	-.04128
.260	12.880	-.09640	-.05480	-.07210	.75900	-.02515	-.00210	.00800	.00200	.68700	-.04231
.260	15.030	-.10490	-.06410	-.07400	.87340	-.04300	-.00270	.00820	.00300	.68300	-.04449
.260	17.220	-.11750	-.06780	-.08090	1.00450	-.06117	-.00340	.00660	.00600	.68100	-.04746
.260	19.340	-.13350	-.07350	-.08880	1.13390	-.07454	-.00550	.00620	.01100	.68100	-.05030
.260	21.490	-.16020	-.07870	-.09300	1.25000	-.07586	-.01110	-.00120	.02400	.67900	-.05500
.260	23.650	-.17110	-.09260	-.10780	1.39220	-.08067	-.00750	.00470	.01700	.68000	-.06021
.260	25.800	-.15700	-.10250	-.10310	1.50300	-.08227	-.00690	-.00090	.02100	.67800	-.06500
.260	GRADIENT	-.09027	-.00344	.00021	.04464	-.00054	.00002	.00007	-.00009	.00675	-.00037

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TABULATED SOURCE DATA - 0A1198

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0A1198 868C18F10H16N20M12P25SV6 R5 X9

(18 NOV 74)

REFERENCE DATA

REF = 2698.0100 30.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

BETA = .000
ELV-LO = .000
ELV-RI = .000
ELV-RO = .000
RUDDER = .000
SPDRBK = 25.000

PARAMETRIC DATA

RUN NO. 112/ 0 RM/L = 1.42 GRADIENT INTERVAL = -8.00/ 6.00

MACN	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CV	XCP/L	CAB
.200	-10.430	.05150	.03210	.03030	-.51240	-.01472	-.00069	-.00060	-.00100	.67400	.04043
.200	-8.330	.04900	.02870	.02750	-.41260	-.00216	.00000	.00000	-.00100	.67600	.04056
.200	-6.250	.04160	.02470	.02570	-.31690	.01164	.00000	-.00010	-.00100	.68200	.03908
.200	-4.180	.04080	.02140	.02480	-.22390	.02098	.00010	.00000	-.00100	.69300	.03901
.200	-2.120	.04010	.01900	.02450	-.13260	.02696	.00000	.00000	.00000	.72000	.03831
.200	-.010	.03900	.01740	.02410	-.03690	.02879	.00000	-.00010	.00000	.89200	.03828
.200	2.030	.03780	.01560	.02410	.05520	.02704	-.00010	-.00030	.00000	.49100	.03753
.200	4.110	.03630	.01340	.02410	.14950	.02122	-.00020	-.00030	.00100	.59200	.03692
.200	6.200	.03400	.01020	.02340	.24340	.01178	-.00050	-.00050	.00200	.61600	.03632
.200	8.300	.02890	.00560	.02230	.34340	-.00110	-.00070	.00050	.00300	.62800	.03601
.200	10.380	.02430	.00120	.02410	.43990	-.01585	-.00100	-.00020	.00400	.63200	.03655
.200	12.450	.01950	-.00330	.02720	.53560	-.03191	-.00130	-.00020	.00600	.63300	.03607
.200	14.570	.01340	-.01150	.02870	.64060	-.04787	-.00170	-.00010	.00700	.63500	.03974
.200	16.680	.00150	-.01880	.02250	.76060	-.06511	-.00210	-.00030	.00800	.64100	.04251
.200	18.790	-.01000	-.01950	.01730	.88420	-.08193	-.00260	-.00200	.01100	.64500	.04445
.200	20.880	-.02250	-.02890	.01260	.99980	-.08787	-.00820	-.00800	.01900	.64700	.04783
.200	22.980	-.03030	-.04160	.00680	1.12050	-.09850	-.00860	-.00530	.02000	.65000	.05047
.200	25.090	-.04240	-.05220	.00640	1.22650	-.10716	-.00710	-.00610	.02500	.65000	.05479
.200	GRADIENT	-.00055	-.00094	-.00009	.04508	.00003	-.00003	-.00004	.00019	-.02564	-.00024

0A1198 060C10F10M10N00M187E3SV8 R3 X9

(RFP0113) (18 NOV 74)

REFERENCE DATA

9407 = 2690.0100 SQ.FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 9407 = 636.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BCFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 29.000

RUN NO. 113/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CNMEI	CNMEQ	CLM	CN	CAF	CYN	CBL	CV	KCF/L	CAB
.200	-5.040	.04440	.01770	.01930	-.02820	.02480	-.00740	.00400	.08800	.90400	.03916
.250	-3.000	.04240	.01730	.02220	-.03260	.02806	-.00420	.00210	.05500	.90200	.03852
.250	-2.030	.04130	.01740	.02330	-.03390	.02890	-.00280	.00130	.03600	.90500	.03930
.250	-1.010	.04020	.01740	.02420	-.03550	.02950	-.00150	.00050	.01800	.90200	.03789
.250	.000	.03910	.01730	.02460	-.03570	.02914	.00000	-.00000	.00000	.90500	.03843
.250	1.000	.03800	.01730	.02440	-.03650	.02860	.00120	-.00090	-.01700	.89800	.03792
.250	2.000	.03680	.01720	.02380	-.03580	.02860	.00270	-.00160	-.03500	.89400	.03660
.250	3.020	.03570	.01720	.02250	-.03420	.02792	.00410	-.00240	-.05500	.89500	.03641
.250	5.040	.03360	.01710	.01980	-.03230	.02520	.00760	-.00440	-.09000	.87700	.03804
.250	7.030	.03190	.01720	.01700	-.02770	.02144	.01130	-.00640	-.12800	.87800	.03944
.250	9.090	.03030	.01720	.01240	-.02390	.01662	.01500	-.00840	-.16600	.84400	.03975
.250	11.110	.02900	.01710	.00780	-.01620	.01088	.01820	-.01010	-.20300	.83000	.04091
GRADIENT		-.00109	-.00006	.00005	-.00038	.00001	.00145	-.00080	-.01770	-.00232	-.00002



DATE 01 MAR 75

TABULATED SOURCE DATA - 041198

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041198 862C12F10H16N20U12T53V8 R5 X9

(RFR114) (18 NOV 74)

REFERENCE DATA

REF = 2090.0100 SQ.FT. XMRP = 1076.6200 INCHES
LREF = 474.0100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BOFLAP = .000
ELV-LO = .000 ELV-LI = .000
ELV-RI = .000 ELV-RO = .000
RUDDER = .000 SPODBK = 25.000

RUN NO. 114/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHWZO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-5.050	.04020	.01080	.01090	.20470	.01294	-.00780	.00710	.09100	.61000	.03077
.200	-3.000	.03850	.01120	.02170	.20230	.01550	-.00470	.00380	.09600	.61200	.03004
.200	-2.010	.03750	.01150	.02300	.19940	.01688	-.00330	.00230	.09800	.60900	.03741
.200	-1.020	.03650	.01160	.02380	.20060	.01699	-.00200	.00090	.02000	.60800	.03714
.200	.000	.03550	.01180	.02410	.19880	.01729	-.00060	-.00030	.00300	.60700	.03694
.200	1.010	.03420	.01200	.02390	.19830	.01764	.00080	-.00200	-.01400	.60700	.03662
.200	2.010	.03300	.01210	.02310	.19830	.01703	.00220	-.00320	-.00300	.60920	.03734
.200	3.030	.03170	.01210	.02180	.20070	.01626	.00360	-.00460	-.01000	.61200	.03749
.200	5.030	.02910	.01200	.01910	.20200	.01354	.00680	-.00770	-.00800	.61700	.03801
.200	7.080	.02640	.01200	.01590	.20530	.01023	.01080	-.01120	-.12700	.62300	.03927
.200	9.100	.02490	.01220	.01160	.21140	.00487	.01430	-.01460	-.16400	.63200	.04084
.200	11.120	.02360	.01300	.00780	.21530	.00013	.01880	-.01850	-.20300	.63800	.04148
GRADIENT	-.00111	.00013	.00002	.00002	-.00029	.00008	.00142	-.00144	-.01772	-.00008	-.00002

041108 808C12P10M10N20W127E35V8 R5 X9

(079119) (10 NOV 74)

REFERENCE DATA

SRF : 2695.0100 SQ.FT. XMRP : 1776.6800 INCHES
 LREF : 474.0100 INCHES YMRP : .0000 INCHES
 BREF : 936.6800 INCHES ZMRP : 375.0000 INCHES
 SCALE : .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BOFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPCDRK = 29.000

RUN NO. 119/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	KCF/L	CAS
.200	-5.032	.02920	.00000	.01910	.44660	-.01991	-.00920	.01210	.09400	.63600	.03994
.200	-2.906	.02730	.00030	.02240	.44430	-.01754	-.00550	.00690	.05800	.63300	.03723
.200	-2.010	.02650	.00050	.02380	.44320	-.01649	-.00420	.00440	.04100	.63200	.03712
.200	-1.000	.02550	.00080	.02430	.44290	-.01628	-.00270	.00210	.02400	.63200	.03723
.200	.000	.02420	.00100	.02440	.44270	-.01581	-.00120	-.00020	.00600	.63100	.03673
.200	1.000	.02300	.00120	.02400	.44260	-.01604	.00010	-.00250	-.01200	.63200	.03733
.200	2.030	.02170	.00160	.02290	.44370	-.01603	.00150	-.00490	-.03000	.63300	.03699
.200	3.030	.02090	.00200	.02200	.44470	-.01703	.00270	-.00730	-.04800	.63400	.03688
.200	5.060	.01830	.00280	.01840	.44710	-.01883	.00640	-.01280	-.08500	.63700	.03959
.200	7.070	.01510	.00330	.01560	.44980	-.02167	.01010	-.01800	-.12300	.63900	.03970
.200	9.080	.01180	.00340	.01090	.45600	-.02354	.01290	-.02240	-.15900	.64300	.04244
.200	11.120	.01060	.00340	.00710	.46020	-.02875	.01670	-.02700	-.19600	.64600	.04410
GRADIENT		-.00108	.00028	-.00009	.00006	.00010	.00149	-.00242	-.01771	.00013	-.00024



0A1198 B62C12F10M16N28W127E55V8 R3 X9

(RFS118) (18 NOV 74)

REFERENCE DATA

SREF = 2890.0100 90.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .9425 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SFDBRK = 25.000

RUN NO. 118/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.08

MACH	BETA	CNMEI	CNMEZ	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-5.390	.01500	-.01560	.01990	.70840	-.08078	-.00970	.01280	.09700	.64100	.03973
.200	-3.920	.01490	-.01610	.02460	.70340	-.05619	-.00670	.00700	.06400	.63900	.04039
.200	-2.115	.01350	-.01660	.02920	.70520	-.03738	-.00490	.00440	.04500	.63900	.04085
.200	-1.010	.01170	-.01690	.02620	.70360	-.05681	-.00360	.00220	.02800	.63800	.04092
.200	.000	.00900	-.01680	.02660	.70320	-.05628	-.00220	.00020	.00900	.63900	.04097
.200	1.010	.00580	-.01630	.02570	.70640	-.05677	-.00070	-.00200	-.00900	.63800	.04123
.200	2.020	.00310	-.01590	.02390	.70860	-.05676	.00050	-.00440	-.00700	.63900	.04034
.200	3.030	.00060	-.01480	.02220	.70960	-.05721	.00190	-.00750	-.04500	.64000	.03988
.200	5.060	-.00160	-.01310	.01650	.71270	-.05899	.00300	-.01390	-.08200	.64200	.03922
.200	7.080	-.00250	-.01030	.01160	.71970	-.06307	.00870	-.02040	-.11800	.64600	.04229
.200	9.080	-.00350	-.00860	.00280	.72760	-.06750	.01230	-.02670	-.13400	.65000	.04406
.200	11.110	-.00230	-.00940	-.00350	.73560	-.07120	.01530	-.03180	-.18900	.65400	.04629
GRADIENT		-.00194	.00023	-.00022	.00055	.00017	.00143	-.00232	-.01781	.00010	-.00006

DATE 01 MAR 75

TABULATED SOURCE DATA - 041198

PAGE 98

041198 060C12P10M10N20M12T25SV0 RS X9

(INP0117) (18 NOV 74)

REFERENCE DATA

SHEET = 2000.0100 30.07. ZMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 SHEET = 936.6000 INCHES ZMRP = 373.0000 INCHES
 SCALE = .2405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BCFAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 23.000

RUN NO. 117 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	OWEI	OWEO	CLM	CN	CAP	CYN	CBL	CY	KCP/L	CAS
.200	-3.030	-.02070	-.03450	.00720	1.00290	-.08540	-.01770	.01010	.11200	.64900	.04914
.200	-3.030	-.02300	-.03270	.01100	1.00150	-.08542	-.01430	.00340	.07700	.64800	.04678
.200	-2.020	-.02300	-.03180	.01160	1.00270	-.08544	-.01230	.00000	.05900	.64800	.04780
.200	-1.020	-.02290	-.03040	.01230	1.00490	-.08652	-.01030	-.00300	.01900	.64700	.04772
.200	.000	-.02270	-.02920	.01290	1.00430	-.08700	-.00850	-.00610	.02100	.64700	.04729
.200	.800	-.02290	-.02790	.01280	1.00540	-.08862	-.00670	-.00910	.00200	.64700	.04741
.200	2.020	-.02420	-.02600	.01230	1.00900	-.09103	-.00460	-.01190	-.01700	.64700	.04639
.200	3.010	-.02370	-.02790	.01030	1.01220	-.09270	-.00240	-.01490	-.03400	.64800	.04589
.200	5.010	-.02320	-.03220	.00640	1.01990	-.09673	.00200	-.02120	-.07200	.64900	.04396
.200	7.000	-.01940	-.03870	-.02190	1.02050	-.09921	.00460	-.02930	-.10700	.65200	.04603
.200	9.000	-.01460	-.04770	-.01220	1.03320	-.10107	.00980	-.03260	-.14700	.65600	.04863
.200	11.000	-.00960	-.05650	-.00380	1.04730	-.10353	.01210	-.03760	-.17700	.66000	.05034
GRADIENT		-.02320	.02352	-.00205	.00134	-.00117	.00195	-.00307	-.01835	-.00003	-.00014



DATE 01 MAR 75

TABULATED SOURCE DATA - 041198

PAGE 99

9A1198 B62C18F10M16N26M127E55V8 R5 X9

(IRF9118) (18 NOV 74)

REFERENCE DATA

SREF = 2690.0100 50.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDRBK = 25.000

RUN NO. 118/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CMHET	CMHCO	CLM	CN	CAF	CYN	CBL	CY	KCF/L	CAB
.260	-10.650	.05410	.03300	.03110	-.38850	-.01635	-.00010	.00000	.00000	.67300	.04054
.260	-8.520	.04590	.02940	.02810	-.42370	-.00344	-.00010	.00010	.00000	.67600	.04108
.260	-6.390	.04210	.02520	.02630	-.38390	.01053	.00000	.00010	.00000	.68200	.04010
.260	-4.250	.04110	.02170	.02310	-.28710	.02030	.00000	.00020	.00000	.69300	.03987
.260	-2.140	.04020	.01920	.02480	-.13180	.02677	-.00010	.00010	.00000	.72100	.03915
.260	-.030	.03910	.01740	.02440	-.03650	.02824	-.00010	.00010	.00000	.89800	.03903
.260	2.080	.03800	.01570	.02440	.05980	.02638	-.00010	.00000	.00000	.50100	.03850
.260	4.180	.03600	.01340	.02430	.15430	.02041	-.00030	.00000	.00100	.59400	.03754
.260	6.290	.03400	.01000	.02370	.25260	.01054	-.00060	-.00010	.00200	.61700	.03699
.260	8.430	.02890	.00530	.02240	.35450	-.00281	-.00080	-.00010	.00300	.62900	.03685
.260	10.590	.02440	.00260	.02440	.45380	-.01851	-.00110	.00020	.00500	.63200	.03748
.260	12.690	.01940	-.00470	.02750	.55350	-.03456	-.00150	.00000	.00600	.63300	.03876
.260	14.850	.01440	-.01290	.02730	.66150	-.05188	-.00170	.00010	.00800	.63700	.04087
.260	17.000	.00330	-.01930	.02020	.78980	-.06961	-.00160	-.00110	.00900	.64200	.04347
.260	19.130	-.01100	-.02020	.01410	.91350	-.08494	-.00290	-.00240	.01100	.64600	.04561
.260	21.310	-.02560	-.03070	.01080	1.03470	-.09975	-.00800	-.00660	.02200	.64800	.04846
.260	23.450	-.04030	-.04490	.00400	1.16050	-.09908	-.00560	-.00330	.01700	.65100	.05193
.260	25.580	-.03790	-.03710	.00510	1.26770	-.10850	-.00410	-.00390	.01700	.65000	.05647
GRADIENT		-.00033	-.00095	-.00009	.04328	-.00001	-.00003	-.00002	.00009	-.01983	-.00025

DATE 01 MAR 73

TABULATED SOURCE DATA - 041198

PAGE 100

041198 062C12710M16M20M127E53V8 R3 X9

(RFS119) (18 NOV 74)

REFERENCE DATA

REF = 2695.9100 36.77. XMRP = 1076.4800 INCHES
 LREF = 474.9100 INCHES YMRP = .0000 INCHES
 BRP = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BOPLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SFDRBK = 25.000

RUN NO. 119/ 0 RW/L = 1.85 GRADIENT INTERVAL = -8.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	KCP/L	CAS
.260	-5.100	.04400	.01750	.01910	-.02700	.02417	-.00750	.00450	.06900	.91300	.03931
.260	-3.050	.04210	.01740	.02210	-.02990	.02699	-.00450	.00250	.05400	.92500	.03937
.260	-2.050	.04110	.01740	.02320	-.03250	.02819	-.00280	.00160	.03600	.91500	.03898
.260	-1.040	.04000	.01740	.02430	-.03460	.02862	-.00160	.00260	.01900	.91000	.03899
.260	-.010	.03890	.01740	.02440	-.03610	.02923	.00000	.00000	.00000	.90100	.03855
.260	.990	.03780	.01730	.02440	-.03610	.02865	.00130	-.00260	-.01700	.90100	.03867
.260	1.990	.03670	.01730	.02360	-.03350	.02824	.00280	-.00150	-.03500	.89700	.03870
.260	3.030	.03560	.01730	.02260	-.03280	.02686	.00440	-.00220	-.05400	.90600	.03818
.260	5.060	.03360	.01720	.01970	-.03060	.02391	.00760	-.00420	-.09100	.89900	.03965
.260	7.100	.03180	.01720	.01810	-.02690	.02028	.01170	-.00630	-.13000	.87300	.03969
.260	9.140	.03010	.01720	.01150	-.02120	.01496	.01530	-.00810	-.16900	.85100	.04029
.260	11.150	.02860	.01720	.00680	-.01320	.00965	.01860	-.01000	-.20700	.84100	.04119
GRADIENT		-.00104	-.00053	.00007	-.00043	-.00002	.00146	-.00082	-.01771	-.00280	-.00001



041198 802C12F10H16N26W127E55V6 R5 X9

(NF9120) (18 NOV 74)

REFERENCE DATA

XREF = 2690.0100 SQ.FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0495 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 120/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CHMET	CHNEO	CLM	CN	CAF	CYN	CSL	CY	XCP/L	CAB
.260	-5.080	.04020	.01070	.01850	.21270	.01122	-.000810	.00740	.09200	.62000	.03959
.260	-3.030	.03830	.01110	.02160	.20860	.01416	-.00480	.00420	.03600	.61400	.03868
.260	-2.030	.03740	.01140	.02270	.20700	.01528	-.00340	.00260	.03800	.61100	.03831
.260	-1.030	.03630	.01150	.02360	.20660	.01624	-.00200	.00120	.02000	.61000	.03725
.260	-.010	.03530	.01170	.02400	.20600	.01621	-.00050	-.00020	.00200	.60900	.03724
.260	1.000	.03410	.01190	.02370	.20440	.01603	.00090	-.00170	-.01500	.60900	.03736
.260	2.000	.03290	.01200	.02310	.20610	.01556	.00230	-.00300	-.03300	.61100	.03805
.260	3.030	.03160	.01200	.02180	.20620	.01494	.00360	-.00430	-.02200	.61300	.03815
.260	5.070	.02900	.01190	.01870	.20830	.01228	.00680	-.00740	-.06900	.61900	.03925
.260	6.080	.02750	.01190	.01730	.21080	.01009	.00890	-.00920	-.10800	.62200	.03969
.260	7.100	.02630	.01190	.01540	.21150	.00837	.01110	-.01120	-.12800	.62500	.03962
.260	9.130	.02420	.01200	.01080	.21810	.00351	.01450	-.01440	-.16500	.63400	.04059
.260	11.170	.02320	.01290	.00750	.22360	-.00178	.01950	-.01860	-.20600	.63900	.04219
GRADIENT		-.00110	.00013	.00003	-.00041	.00010	.00144	-.00144	-.01778	-.00011	-.00005

ORIGINAL PAGE IS
OF POOR QUALITY

0A1198 068C12F10M16N20M127E53V8 R5 X9

(RFS121) (10 NOV 74)

REFERENCE DATA

SREF = 2090.0100 SQ.FT. XMRP = 1076.6000 INCHES
 LRFP = 474.6100 INCHES YMRP = .0000 INCHES
 BRFP = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

ALPHA = 10.000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 29.000

PARAMETRIC DATA

RUN NO. 121/ 0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMET	CHMEO	CLW	CN	CAF	CYN	CBL	CY	XCF/L	CAS
.260	-5.080	.02910	-.00080	.01780	.46090	-.02231	-.00920	.01270	.09400	.63800	.03971
.260	-3.040	.02720	-.00240	.02200	.45790	-.01982	-.00570	.00750	.05900	.63400	.03760
.260	-2.550	.02530	-.00020	.02330	.45610	-.01907	-.00430	.00490	.04200	.63300	.03787
.260	-1.020	.02540	.00010	.02400	.45320	-.01844	-.00270	.00250	.02400	.63200	.03746
.260	-.020	.02420	.00060	.02430	.45490	-.01819	-.00110	.00010	.00600	.63200	.03747
.260	1.000	.02320	.00060	.02380	.45350	-.01807	.00010	-.00220	-.01100	.63300	.03752
.260	2.000	.02210	.00090	.02320	.45600	-.01844	.00180	-.00460	-.03000	.63300	.03754
.260	3.010	.02110	.00140	.02180	.45740	-.01902	.00310	-.00720	-.04800	.63400	.03715
.260	5.000	.01890	.00200	.01870	.46090	-.02105	.00660	-.01260	-.08500	.63700	.03867
.260	7.000	.01570	.00190	.01430	.46650	-.02436	.01020	-.01780	-.12300	.64000	.04001
.260	9.100	.01190	.00240	.00940	.47240	-.02831	.01530	-.02240	-.16000	.64400	.04291
.260	11.170	.01010	.00270	.00640	.47680	-.03159	.01780	-.02770	-.19900	.64700	.04467
GRADIENT	-.00101	.00028	.00004	.00004	-.00001	.00013	.00153	-.00246	-.01768	-.00005	-.00009

DATE 01 MAR 73 TABULATED SOURCE DATA - QAI198

(IRF9182) (18 NOV 74)

QAI198 868C12F10H16N20W127E55V8 R5 X9

REFERENCE DATA

SREF = 2690.0100 30-FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 122/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CHWEI	CHWEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-5.090	.01400	-.01680	.01750	.73100	-.06382	-.00910	.01270	.09800	.64300	.04037
.260	-3.050	.01360	-.01740	.02100	.72950	-.06195	-.00640	.00700	.06400	.64100	.04133
.260	-2.540	.01300	-.01790	.02260	.72770	-.06120	-.00480	.00470	.04600	.64000	.04160
.260	-1.030	.01140	-.01830	.02390	.72700	-.06084	-.00340	.00240	.02800	.64000	.04190
.260	-.010	.00900	-.01810	.02400	.72480	-.06039	-.00180	.00010	.00900	.64000	.04198
.260	1.050	.00610	-.01740	.02360	.72620	-.06014	-.00030	-.00210	-.00800	.64000	.04123
.260	1.990	.00300	-.01610	.02240	.72940	-.06070	.00100	-.00460	-.02700	.64000	.04131
.260	3.020	.00020	-.01450	.02090	.73100	-.06086	.00260	-.00770	-.04500	.64100	.04028
.260	5.060	-.00210	-.01080	.01660	.73720	-.06313	.00490	-.01420	-.08000	.64400	.04047
.260	7.090	-.00310	-.00830	.00960	.74130	-.06593	.00800	-.02030	-.11600	.64700	.04256
.260	9.120	-.00430	-.00730	.00120	.75140	-.06938	.01420	-.02760	-.15900	.65100	.04321
.260	11.140	-.00530	-.00730	-.00320	.75950	-.07362	.01620	-.03260	-.19300	.65400	.04627
GRADIENT		-.00105	.00555	-.00007	.00048	.00011	.00141	-.00255	-.01770	.00006	-.00005

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 OF POOR QUALITY

0A1198 862C12F10M16N20W127E55V8 R5 X9

(NF9123) (18 NOV 74)

REFERENCE DATA

SREF = 2698.9100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BOFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 123/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHNEI	CHNEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-5.595	-.02110	-.03610	.00530	1.03490	-.08667	-.01790	.00920	.11600	.65000	.04609
.260	-3.550	-.02450	-.03230	.00800	1.03880	-.08741	-.01310	.00360	.07900	.64900	.04792
.260	-2.550	-.02540	-.03200	.00950	1.03880	-.08766	-.01160	-.00010	.06100	.64800	.04830
.260	-1.520	-.02500	-.03130	.01050	1.03620	-.08808	-.00980	-.00360	.04200	.64800	.04806
.260	-.510	-.02530	-.03120	.01120	1.03730	-.08923	-.00820	-.00690	.02400	.64800	.04833
.260	.590	-.02550	-.03040	.01130	1.03770	-.09026	-.00620	-.01010	.00500	.64800	.04766
.260	2.510	-.02520	-.02930	.01120	1.04040	-.09329	-.00370	-.01270	-.01500	.64800	.04743
.260	3.520	-.02650	-.02950	.00890	1.04310	-.09452	-.00200	-.01580	-.03400	.64900	.04650
.260	5.070	-.02360	-.03510	.00520	1.04910	-.09774	.00110	-.02120	-.07100	.65000	.04439
.260	7.590	-.01910	-.04160	-.00490	1.05900	-.10120	.00530	-.02720	-.11000	.65400	.04718
.260	9.130	-.01360	-.04920	-.01450	1.06780	-.10399	.00930	-.03320	-.14900	.65700	.04923
.260	11.170	-.00850	-.05660	-.02370	1.08360	-.10754	.01440	-.03900	-.19300	.66100	.05050
GRADIENT		-.00223	.00025	.00008	.00112	-.00114	.00161	-.00306	-.01849	.00000	-.00019

CASE 01 MAR 75

TABULATED SOURCE DATA - 041198

PAGE 105

041198 B62C12F10M16M28M127E55V8 R5 X9

(R59124) (18 NOV 74)

REFERENCE DATA

REF = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = -4.0100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0500 INCHES
 SCALE = .0400 SCALE

BETA =
 ELV-LO =
 ELV-RI =
 RUDDER =

.000 BOPLAP = -12.000
 .000 ELV-LI = .000
 .000 ELV-RO = .000
 .000 SPDBEK = 25.000

PARAMETRIC DATA

RUN NO. 124/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CMHFI	CMHFO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.255	-10.440	.05400	.03310	.04690	-.53760	-.01337	-.00720	-.00060	.00000	.68400	.04511
.255	-8.360	.04750	.02910	.04400	-.43690	.00037	-.00020	.00000	.00000	.68900	.04386
.255	-6.270	.04450	.02510	.04160	-.33900	.01362	-.00010	.00000	.00000	.69700	.04300
.255	-4.190	.04350	.02180	.04040	-.24420	.02349	-.00020	.00000	.00000	.71300	.04231
.255	-2.120	.04260	.01930	.03990	-.15200	.02983	-.00020	.00010	.00000	.74800	.04183
.255	-.030	.04150	.01770	.03990	-.05770	.03171	-.00020	.00000	.00000	.90700	.04175
.255	2.030	.04040	.01590	.04000	.03490	.02932	-.00050	.00020	.00100	.23000	.04180
.255	4.090	.03930	.01380	.04050	.12660	.02390	-.00050	-.00020	.00200	.53400	.04038
.255	6.180	.03690	.01060	.04050	.22300	.01449	-.00090	-.00040	.00400	.58500	.03943
.255	8.280	.03170	.00610	.03960	.32100	.00114	-.00120	-.00030	.00400	.60600	.03931
.255	10.370	.02700	.00150	.04080	.42380	-.01327	-.00160	-.00020	.00600	.61600	.03933
.255	12.460	.02220	-.00320	.04370	.51700	-.02938	-.00180	-.00020	.00700	.62100	.04031
.255	14.530	.01650	-.01150	.04500	.62170	-.04538	-.00210	.00000	.00800	.62500	.04228
.255	16.640	.00480	-.01910	.03690	.74330	-.06287	-.00260	-.00030	.00900	.63000	.04403
.255	18.760	-.00740	-.01960	.03430	.86860	-.08122	-.00340	-.00190	.01100	.63700	.04669
.255	20.870	-.01560	-.02700	.03130	.98760	-.09619	-.00350	-.00300	.01100	.64000	.04760
.255	22.960	-.03680	-.04210	.02370	1.10650	-.09590	-.00930	-.00320	.02200	.64400	.05209
.255	25.080	-.04000	-.05150	.02400	1.21170	-.10509	-.00780	-.00360	.08700	.64500	.05650
GRADIENT		-.00051	-.00094	.00001	.04483	.00002	-.00004	-.00003	.00024	-.04224	-.00019

QAL198 862C12F10M7 N20U127E55V8 R5 X9

(R9125) (18 NOV 74)

REFERENCE DATA

SREF = 2880.0100 SO.FT. XMRP = 1976.6900 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BRFP = 936.6900 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0003 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -12.000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPCBRK = 25.000

RUN NO. 125/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CSL	CY	KCF/L	CAS
.200	-10.450	.05500	.03240	.04400	-.15940	-.01841	-.00030	-.00050	-.00200	-.68100	.04200
.200	-8.360	.04850	.02870	.04130	-.45270	-.00432	.00020	.00000	-.00200	.68500	.04120
.200	-6.280	.04510	.02480	.03880	-.34840	.01012	.00020	.00000	-.00100	.69300	.04071
.200	-4.190	.04420	.02150	.03790	-.25020	.02016	.00030	.00000	-.00100	.70800	.04035
.200	-2.120	.04330	.01910	.03730	-.15090	.02687	.00000	.00000	.00000	.74300	.04012
.200	-.010	.04210	.01750	.03740	-.05240	.02968	.00000	-.00010	.00000	.91500	.03982
.200	2.030	.04080	.01570	.03750	.04610	.02849	.00000	-.00020	.00000	.35300	.03895
.200	4.130	.03960	.01350	.03840	.14750	.02258	-.00030	-.00030	.00100	.55600	.03876
.200	6.290	.03720	.01020	.03630	.24840	.01345	-.00050	-.00040	.00200	.59500	.03753
.200	8.290	.03170	.00550	.03710	.35290	.00007	-.00080	-.00040	.00400	.61300	.03730
.200	10.360	.02720	.00110	.03830	.45650	-.01532	-.00120	-.00020	.00500	.62100	.03865
.200	12.470	.02220	-.00350	.04150	.56000	-.03177	-.00140	-.00030	.00600	.62500	.03942
.200	14.590	.01700	-.01170	.04260	.67380	-.04938	-.00160	-.00010	.00700	.62950	.04117
.200	16.700	.00502	-.01930	.03640	.80250	-.06807	-.00200	-.00040	.00700	.63500	.04252
.200	18.780	-.00670	-.02020	.03220	.92790	-.08650	-.00270	-.00200	.01000	.63900	.04425
.200	20.890	-.01520	-.02760	.02980	1.05350	-.10363	-.00300	-.00310	.01000	.64100	.04614
.200	22.990	-.03630	-.04290	.02180	1.17860	-.12427	-.00900	-.00530	.02100	.64500	.05034
.200	25.110	-.04070	-.05220	.02380	1.28490	-.11432	-.00700	-.00610	.02600	.64900	.05361
GRADIENT		-.00056	-.00093	.00006	.04773	.00031	-.00006	-.00004	.00019	-.03340	-.00021

041198 868C12F10M7 N20V127E55V8 R5 X9

(NF9126) (16 NOV 74)

REFERENCE DATA

SREF = 2699.9100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 8DFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 126/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.440	.03230	.03200	.02740	-.53590	-.02048	-.00020	-.00030	-.00100	.67100	.03775
.200	-8.320	.04570	.02840	.02490	-.42920	-.00612	.00020	.00000	-.00200	.67300	.03758
.200	-6.270	.04230	.02450	.02280	-.32740	.00790	.00020	.00000	-.00100	.67700	.03682
.200	-4.190	.04160	.02120	.02230	-.22630	.01812	.00010	.00000	.00000	.68000	.03679
.200	-2.070	.04370	.01890	.02200	-.12680	.02482	.00010	.00000	.00000	.71600	.03627
.200	-.040	.03950	.01750	.02170	-.03050	.02719	.00000	-.00010	.00000	.91400	.03620
.200	2.560	.03820	.01560	.02180	.07030	.02574	.00000	-.00020	.00000	.53700	.03556
.200	4.140	.03690	.01320	.02220	.17130	.01983	-.00020	-.00030	.00000	.60400	.03321
.200	6.230	.03420	.00990	.02180	.27220	.01031	-.00040	-.00050	.00200	.62200	.03451
.200	8.320	.02900	.00320	.02040	.37680	-.00257	-.00070	-.00040	.00300	.63200	.03419
.200	10.360	.02440	.00070	.02200	.47900	-.01827	-.00090	-.00020	.00400	.63500	.03371
.200	12.450	.01950	-.00390	.02520	.58460	-.03473	-.00130	-.00020	.00500	.63600	.03339
.200	14.590	.01490	-.01210	.02650	.69530	-.05209	-.00150	.00000	.00600	.63800	.03385
.200	16.700	.00340	-.01970	.01980	.82250	-.07026	-.00210	-.00030	.00800	.64300	.04079
.200	18.800	-.00880	-.02070	.01570	.95040	-.08861	-.00280	-.00180	.01000	.64600	.04277
.200	20.920	-.02430	-.03040	.01070	1.07480	-.09308	-.00880	-.00750	.02000	.64800	.04544
.200	23.050	-.03930	-.04330	.00370	1.20690	-.10602	-.00840	-.00480	.01900	.65100	.04871
.200	25.130	-.04300	-.05340	.00430	1.31530	-.11584	-.00670	-.00570	.02400	.65100	.05293
GRADIENT		-.00037	-.00093	-.00002	.04773	.00021	-.00003	-.00004	.00000	-.01678	-.00019

CA1198 868C12F10M7 N20N127E55V8 R5 X0

(RF9127) (18 NOV 74)

REFERENCE DATA

SRF = 2690.0100 50.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BRF = 936.6800 INCHES ZMRP = 379.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELV-LO = 9.000 ELV-LI = 9.000
ELV-RI = 5.000 ELV-RO = 5.000
RUDDER = .000 SPOBRK = 25.000

RUN NO. 127/ 9 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CNWEI	CNWEQ	CLM	CN	CAF	CYN	CBL	CV	KCP/L	CAB
.200	-10.360	.01720	.00970	-.01660	-.44450	-.01020	-.00010	-.00110	-.00200	.63600	.03997
.250	-6.290	.01290	.00770	-.01760	-.34370	-.00230	.00010	-.00090	-.00100	.63300	.03982
.200	-6.200	.01200	.00510	-.01810	-.24100	.01140	.00000	-.00080	.00000	.62400	.03953
.200	-4.130	.01190	.00300	-.01760	-.14620	.02110	.00000	-.00100	.00500	.60700	.03914
.200	-2.570	.01180	.00190	-.01700	-.04940	.02689	.00000	-.00110	.00500	.52500	.03856
.250	.530	.01100	.00000	-.01650	.04970	.02904	-.00020	-.00120	.00000	.77400	.03801
.200	2.100	.01010	-.00190	-.01610	.14850	.02703	-.00240	-.00140	.00100	.69200	.03767
.250	4.190	.00900	-.00470	-.01560	.24730	.02100	-.00070	-.00150	.00200	.67500	.03695
.200	6.270	.00650	-.00900	-.01390	.34910	.01120	-.00090	-.00140	.00300	.66900	.03618
.200	8.350	.00200	-.01450	-.01750	.45400	-.00226	-.00110	-.00120	.00400	.66600	.03643
.200	10.440	-.00300	-.01940	-.01720	.56070	-.01770	-.00130	-.00100	.00600	.66300	.03758
.200	12.560	-.00940	-.02520	-.01820	.67130	-.03469	-.00190	-.00070	.00700	.66100	.03869
.200	14.650	-.01630	-.03580	-.01760	.78640	-.05119	-.00220	-.00030	.00800	.66000	.04011
.200	16.790	-.02830	-.04380	-.02310	.91310	-.06951	-.00280	-.00020	.01000	.66100	.04225
.200	18.870	-.04110	-.04320	-.02760	1.04250	-.08914	-.00300	-.00250	.01100	.66200	.04450
.200	20.970	-.06340	-.03360	-.03370	1.16570	-.09096	-.01000	-.00900	.02200	.66200	.04786
.200	23.110	-.07990	-.06530	-.04200	1.30220	-.10243	-.00830	-.00410	.01800	.66400	.05147
.200	25.180	-.08550	-.07420	-.04280	1.40970	-.11229	-.00680	-.00630	.02400	.66300	.05627
	GRADIENT	-.00556	-.00092	.00024	.04733	-.00000	-.00009	-.00006	.00024	.01460	-.00025

DATE 01 MAR 73

TABULATED SOURCE DATA - CA1198

PAGE 109

CA1198 868C18F10N7 N26N187E55V8 R5 X9

(NF9180) (18 NOV 74)

REFERENCE DATA

XREF = 2690.9100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 SDFLAP = -12.000
 ELV-LO = 5.000 ELV-LI = 5.000
 ELV-RI = 5.000 ELV-RO = 5.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 128/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAS
.200	-10.400	.01810	.00950	-.00130	-.46580	-.01399	.00050	-.00110	-.00400	.65100	.04211
.200	-8.240	.01370	.00760	-.00270	-.35950	.00051	.00060	-.00080	-.00300	.64900	.04151
.200	-6.230	.01260	.00530	-.00350	-.26350	.01352	.00060	-.00080	-.00300	.64700	.04110
.200	-4.220	.01270	.00310	-.00350	-.16850	.02299	.00050	-.00090	-.00200	.64400	.04083
.200	-2.000	.01250	.00170	-.00270	-.06540	.02958	.00040	-.00110	-.00100	.63600	.04010
.200	.000	.01160	.00010	-.00230	.02970	.03116	.00020	-.00120	-.00100	.68100	.03984
.200	2.210	.01080	-.00220	-.00170	.13490	.02928	.00000	-.00140	.00000	.65700	.03916
.200	4.210	.00990	-.00480	-.00090	.22940	.02363	-.00010	-.00130	.00000	.65300	.03835
.200	6.320	.00750	-.00910	-.00070	.33180	.01307	-.00040	-.00150	.00100	.65300	.03796
.200	8.340	.00300	-.01440	-.00190	.43400	.00032	-.00060	-.00110	.00300	.65300	.03724
.200	10.490	-.00200	-.01940	-.00110	.54210	-.01535	-.00090	-.00130	.00400	.65300	.03786
.200	12.580	-.00350	-.02490	.00010	.65010	-.03188	-.00120	-.00070	.00500	.65200	.03786
.200	14.650	-.01450	-.03530	-.00080	.76340	-.04952	-.00150	-.00070	.00600	.65200	.03764
.200	16.600	-.02700	-.04350	-.00340	.89440	-.06789	-.00220	-.00020	.00800	.65400	.04208
.200	18.920	-.03910	-.04290	-.00930	1.02110	-.08723	-.00280	-.00260	.01000	.65500	.04431
.200	20.950	-.06020	-.05290	-.01470	1.14180	-.08980	-.00360	-.00380	.02300	.65700	.04810
.200	23.140	-.07640	-.06490	-.02360	1.27940	-.10171	-.00850	-.00450	.02000	.65900	.05200
.200	25.220	-.08190	-.07340	-.02480	1.39160	-.11377	-.00690	-.00600	.02500	.65800	.05787
.200	GRADIENT	-.00035	-.00093	.00029	.04727	.00006	-.00058	-.00007	.00024	.00183	-.00028

ORIGINAL PAGE IS
OF POOR QUALITY

DATE 01 MAR 73

FILATED SOURCE DATA - 0A1198

PAGE 110

0A1198 B62C12F10N10N20W127E55V8 R5 X9

(INF9129) (10 NOV 74)

REFERENCE DATA

REF = 2890.0100 90.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0500 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 SCFLAP = -12.000
 ELV-LO = 5.000 ELV-LI = 5.000
 ELV-RI = 5.000 ELV-RO = 5.000
 RUDDER = .000 SFCBRK = 25.000

RUN NO. 129/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEG	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.390	.01750	.01000	.00200	-.44810	-.00867	.00000	-.00110	-.00200	.65300	.04404
.200	-8.310	.01320	.00780	.00060	-.34780	.00380	.00020	-.00070	-.00200	.65200	.04593
.200	-6.190	.01220	.00540	.00000	-.25480	.01633	.00030	-.00080	-.00200	.65200	.04387
.200	-4.010	.01240	.00310	.00000	-.15750	.02594	.00020	-.00090	-.00200	.65200	.04292
.200	-2.080	.01220	.00200	.00010	-.07150	.03118	.00010	-.00100	.00000	.65300	.04253
.200	.180	.01130	-.00010	.00070	.02820	.03296	.00000	-.00120	.00000	.64200	.04152
.200	.670	.01110	-.00060	.00080	.03030	.03306	.00000	-.00120	.00000	.64500	.04128
.200	1.350	.01080	-.00120	.00070	.03219	.03219	.00000	-.00120	.00000	.64800	.04123
.200	2.080	.01060	-.00190	.00100	.11450	.03067	-.00020	-.00140	.00000	.64800	.04126
.200	4.220	.00970	-.00470	.00170	.20890	.02463	-.00050	-.00150	.00200	.64900	.04011
.200	6.310	.00740	-.00890	.00180	.30530	.01422	-.00060	-.00110	.00400	.65000	.03960
.200	10.480	.00270	-.01460	.00070	.40760	.00091	-.00120	-.00090	.00500	.65100	.03887
.200	12.580	-.00810	-.01910	.00150	.50230	-.01346	-.00150	-.00060	.00500	.65100	.03897
.200	14.710	-.01450	-.03580	.00190	.60630	-.02935	-.00190	-.00030	.00500	.65000	.03973
.200	16.780	-.02620	-.04370	.00210	.71920	-.04644	-.00120	-.00020	.00700	.65100	.04117
.200	18.960	-.03920	-.04320	-.00640	.83530	-.06319	-.00240	-.00020	.00800	.65300	.04318
.200	20.950	-.05980	-.05320	-.01340	.95790	-.08183	-.00300	-.00270	.01100	.65400	.04598
.200	23.100	-.07930	-.06430	-.02080	1.07160	-.08312	-.01000	-.00820	.02400	.65600	.05019
.200	25.170	-.07920	-.07320	-.01910	1.19930	-.09261	-.00950	-.00510	.02200	.65800	.05442
.200	GRADIENT	-.00534	-.07320	.00520	1.30120	-.10329	-.00640	-.00250	.01800	.65700	.05879
			-.00594		.04453	-.00005	-.00008	-.00007	.00037	-.00058	-.00034

0A1198 B62C12F10H16N2E#127E55V8 R3 X9

(RF9130) (10 NOV 74)

REFERENCE DATA

SREF = 2690.0100 SQ.FT. HREF = 1076.6000 INCHES
 LREF = 474.6100 INCHES VREF = .0050 INCHES
 BREF = 936.6000 INCHES ZREF = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = 5.000 ELV-LI = 5.000
 ELV-RI = 5.000 ELV-RO = 5.000
 RUDDER = .000 SPD8RK = 25.000

RUN NO. 130/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHME:	CHME0	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.350	.01640	.00980	-.01340	-.42260	-.01113	-.00060	-.00110	.00000	.64000	.04301
.200	-8.270	.01230	.00770	-.01450	-.32650	-.00168	-.00050	-.00070	.00000	.63500	.04262
.200	-6.210	.01130	.00530	-.01500	-.23320	.01443	-.00050	-.00080	.00100	.62800	.04197
.200	-4.080	.01140	.00210	-.01490	-.14030	.02363	-.00060	-.00080	.00100	.61500	.04137
.200	-1.910	.01120	.00190	-.01420	-.04520	.02949	-.00070	-.00110	.00200	.53600	.04050
.200	.130	.01030	.00000	-.01390	.04590	.03115	-.00070	-.00110	.00200	.76400	.03990
.200	2.220	.00960	-.00200	-.01360	.14090	.02862	-.00100	-.00120	.00300	.68700	.03917
.200	4.230	.00850	-.00460	-.01330	.22960	.02238	-.00120	-.00140	.00400	.67300	.03854
.200	6.290	.00610	-.00890	-.01400	.32590	.01245	-.00140	-.00140	.00500	.66800	.03806
.200	8.380	.00170	-.01430	-.01530	.42320	-.00120	-.00160	-.00100	.00500	.66500	.03819
.200	10.490	-.00350	-.01910	-.01480	.52590	-.01660	-.00200	-.00100	.00700	.66200	.03904
.200	12.630	-.00980	-.02520	-.01400	.63150	-.03253	-.00240	-.00050	.00900	.66000	.03958
.200	14.700	-.01660	-.03570	-.01340	.73910	-.04899	-.00260	-.00040	.00900	.65900	.04138
.200	16.800	-.02860	-.04400	-.02030	.85920	-.06617	-.00310	-.00010	.01200	.66100	.04407
.200	18.840	-.04110	-.04310	-.02470	.97620	-.08313	-.00320	-.00050	.01300	.66100	.04567
.200	21.070	-.06430	-.05420	-.03220	1.10370	-.08499	-.01030	-.00840	.02400	.66300	.04939
.200	23.220	-.08290	-.06510	-.03940	1.23140	-.09452	-.00890	-.00450	.02100	.66400	.05349
.200	25.160	-.08300	-.07390	-.04420	1.34160	-.10354	-.00730	-.00460	.02400	.66400	.05847
.200	GRADIENT	-.00036	-.00093	.00018	.04464	-.00015	-.00007	-.00006	.00034	.01301	-.00034

ORIGINAL PAGE IS
OF POOR QUALITY

0A1108 B02C12F10M10N20M12E5SV8 R3 X9

(NF9131) (18 NOV 74)

REFERENCE DATA

BREF = 2000.0100 SQ.FT. WMP = 1070.6000 INCHES
 LREF = 474.8100 INCHES YMP = .0000 INCHES
 BREF = 930.6000 INCHES ZMP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = 10.000 ELV-LI = 10.000
 ELV-RI = 10.000 ELV-RO = 10.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 131/ 0 RM/L = 1.42 GRADIENT INTERVAL = -0.00/ 6.00

MACH	ALPHA	CMHEI	CMHEO	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.250	-.02000	-.01000	-.03100	-.34860	-.00224	-.00080	-.00270	.00000	.59000	.04409
.200	-8.200	-.02300	-.01200	-.03170	-.25000	.01146	-.00060	-.00250	.00100	.57600	.04400
.200	-6.140	-.02440	-.01300	-.03240	-.15840	.02286	-.00060	-.00280	.00100	.53000	.04444
.200	-4.080	-.02440	-.01400	-.03200	-.06660	.03204	-.00060	-.00290	.00300	.37000	.04310
.200	-1.840	-.02510	-.01600	-.03180	.00000	.03711	-.00100	-.00310	.00300	1.28000	.04202
.200	.200	-.02640	-.01900	-.03200	.12100	.03760	-.00110	-.00320	.00100	.80000	.04246
.200	2.160	-.02740	-.02200	-.03180	.20900	.03566	-.00100	-.00320	.00500	.74000	.04132
.200	4.290	-.02970	-.02500	-.03190	.30640	.02787	-.00170	-.00290	.00600	.71400	.04155
.200	6.360	-.03280	-.03140	-.03190	.40910	.01772	-.00210	-.00280	.00700	.70200	.04088
.200	8.400	-.03920	-.03820	-.03060	.51200	.00511	-.00240	-.00250	.00900	.69500	.04005
.200	10.570	-.04590	-.04430	-.03170	.62070	-.01097	-.00290	-.00160	.01000	.68800	.04171
.200	12.660	-.05340	-.05020	-.03160	.72100	-.02668	-.00330	-.00070	.01200	.68000	.04191
.200	14.700	-.06150	-.05790	-.03320	.82940	-.04185	-.00310	-.00150	.01200	.68000	.04197
.200	16.780	-.07400	-.06900	-.03600	.94760	-.05918	-.00370	-.00100	.01400	.67800	.04127
.200	18.940	-.09040	-.08540	-.07060	1.07030	-.07768	-.00300	-.00340	.01400	.67600	.04077
.200	21.020	-.11700	-.07150	-.07700	1.18810	-.07623	-.01120	-.01170	.02700	.67600	.03559
.200	23.100	-.13400	-.08270	-.08440	1.31160	-.08289	-.00810	-.00410	.01800	.67600	.03519
.200	25.200	-.12640	-.09150	-.07940	1.40890	-.09394	-.00560	-.00310	.01600	.67300	.03902
.200	GRADIENT	-.00062	-.00137	.00001	.04480	-.00045	-.00011	-.00001	.00030	.00073	-.00023

CATE 01 MAR 75 TABULATED SOURCE DATA - QAL1198

(RF9132) (18 NOV 74)

QAL1198 862C12F10K16N20W12E35V8 R5 X9

REFERENCE DATA

SREF = 2690.0100 30.FT. XREF = 1076.6800 INCHES
 LREF = 474.8100 INCHES YREF = .0000 INCHES
 BREF = 936.6800 INCHES ZREF = 379.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELV-LO = 10.000 ELV-LI = 10.000
 ELV-RI = 10.000 ELV-RO = 10.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 132/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHWEO	CLM	CN	CAF	CYN	CBL	CV	XCF/L	CAB
.200	-10.340	-.0190	-.0100	-.03600	-.36850	.00031	.00000	-.00260	-.00100	.61600	.04742
.200	-8.250	-.02340	-.01240	-.03740	-.27190	.01335	-.00110	-.00240	.00000	.60100	.04723
.200	-6.160	-.02450	-.01370	-.03670	-.17900	.02521	.00000	-.00260	.00000	.57200	.04664
.200	-4.570	-.02440	-.01450	-.03630	-.08610	.03374	.00000	-.00290	.00000	.48800	.04656
.200	-1.940	-.02500	-.01550	-.03790	.00670	.03912	.00010	-.00290	.00000	2.72600	.04326
.200	.160	-.02620	-.01960	-.03770	.10180	.04025	-.00040	-.00310	.00200	.78600	.04495
.200	2.200	-.02700	-.02250	-.03710	.19140	.03744	-.00060	-.00300	.00200	.72300	.04373
.200	4.250	-.02890	-.02500	-.03650	.28400	.03096	-.00090	-.00290	.00300	.59900	.04294
.200	6.320	-.03150	-.03120	-.03970	.38460	.02068	-.00110	-.00270	.00400	.59000	.04224
.200	8.400	-.03780	-.03840	-.04430	.49050	.00757	-.00140	-.00240	.00500	.63500	.04168
.200	10.530	-.04380	-.04400	-.04530	.59740	-.00732	-.00190	-.00170	.00700	.66000	.04130
.200	12.560	-.05140	-.05010	-.04500	.69640	-.02320	-.00230	-.00070	.00600	.67600	.04263
.200	14.690	-.05980	-.05790	-.04680	.80890	-.03969	-.00230	-.00150	.00900	.67300	.04412
.200	16.880	-.07340	-.06530	-.05190	.93330	-.05791	-.00260	-.00200	.01100	.67200	.04617
.200	18.930	-.08820	-.06920	-.05470	1.04960	-.07577	-.00310	-.00350	.01400	.67100	.04899
.200	21.070	-.11360	-.07150	-.06130	1.16970	-.07451	-.01130	-.01100	.02800	.67100	.05312
.200	23.120	-.13120	-.08190	-.06670	1.28730	-.08191	-.00920	-.00470	.02200	.67100	.05714
.200	25.270	-.12360	-.09110	-.05820	1.38170	-.09259	-.00990	-.00320	.01900	.66700	.06114
.200	GRADIENT	-.00033	-.00139	.00021	.04451	-.00034	-.00011	-.00001	.00039	-.07498	-.00042

041198 868C12F10M7 M28M127E33V8 R3 X9

(NF9133) (18 NOV 74)

REFERENCE DATA

SRP = 2690.0100 SQ.FT. XMRP = 1076.0000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BRP = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELV-LO = 10.000 ELV-LI = 10.000
 ELV-RI = 10.000 ELV-RO = 10.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 133/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MAC	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.310	-.01000	-.01250	-.03940	-.30660	-.00509	-.00040	-.00260	-.00100	.61400	-.04489
.200	-6.240	-.02250	-.01240	-.04100	-.12840	.00697	-.00030	-.00230	.00000	.59900	-.04412
.200	-6.170	-.02380	-.01370	-.04190	-.10590	.02166	-.00030	-.00240	.00000	.56900	-.04395
.200	-4.210	-.02400	-.01440	-.04170	-.08980	.03117	-.00030	-.00270	.00000	.48000	-.04318
.200	-1.860	-.02430	-.01660	-.04110	.01320	.03643	-.00040	-.00290	.00100	1.79200	-.04283
.200	.210	-.02370	-.01970	-.04090	.11340	.03842	-.00050	-.00290	.00100	.78500	-.04214
.200	2.270	-.02630	-.02240	-.04020	.20380	.03573	-.00080	-.00300	.00200	.72200	-.04119
.200	4.250	-.02620	-.02600	-.03970	.30500	.02962	-.00110	-.00280	.00400	.70000	-.04030
.200	6.310	-.03110	-.03130	-.04280	.41060	.01959	-.00140	-.00260	.00500	.69000	-.03972
.200	9.400	-.03780	-.03860	-.04760	.52440	.00620	-.00180	-.00240	.00600	.68500	-.03948
.200	10.540	-.04370	-.04460	-.04890	.63600	-.00951	-.00220	-.00160	.00800	.68000	-.04013
.200	12.600	-.05120	-.05050	-.04820	.74280	-.02622	-.00270	-.00050	.01000	.67600	-.04115
.200	14.770	-.05950	-.05940	-.05010	.86380	-.04416	-.00250	-.00130	.01000	.67300	-.04382
.200	16.790	-.07220	-.06550	-.05530	.98670	-.06174	-.00280	-.00200	.01200	.67300	-.04476
.200	18.960	-.08750	-.06370	-.05780	1.11320	-.08188	-.00320	-.00320	.01400	.67100	-.04634
.200	21.570	-.11510	-.07170	-.06430	1.23580	-.08164	-.01120	-.01170	.02900	.67100	-.05041
.200	23.160	-.13270	-.08250	-.07050	1.36220	-.08996	-.00900	-.00510	.02300	.67100	-.05448
.200	25.320	-.12300	-.09140	-.06520	1.47090	-.10347	-.00610	-.00500	.01900	.66800	-.05935
GRADIENT	-.00049	-.00140	-.00140	.00024	.04751	-.00016	-.00010	-.00001	.00043	-.02860	-.00036

DATE 01 MAR 75

TABULATED SOURCE DATA - Q01198

PAGE 115

Q01198 B62C12F10M7 N20M127E59V8 R5 X9

(RFS134) (18 NOV 74)

REFERENCE DATA

REF = 2890.0100 50.FT. YMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 REF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = 10.000 ELV-LI = 10.000
 ELV-RI = 10.000 ELV-RO = 10.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 1347 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHHEI	CHHEO	CLM	CN	CAF	CYN	CBL	CY	KCF/L	CAB
.200	-10.310	-.01880	-.01050	-.05440	-.36920	-.00740	-.00080	-.00250	.00100	.59800	.04136
.200	-8.220	-.02200	-.01230	-.05490	-.26580	.00666	-.00080	-.00230	.00100	.57600	.04110
.200	-6.130	-.02310	-.01350	-.05560	-.16760	.01993	-.00050	-.00260	.00100	.53000	.04059
.200	-4.040	-.02330	-.01430	-.05520	-.06930	.02883	-.00080	-.00280	.00200	.35900	.04081
.200	-1.875	-.02400	-.01650	-.05500	.03120	.03468	-.00100	-.00300	.00300	1.30100	.04001
.200	.120	-.02520	-.01940	-.05490	.12650	.03596	-.00110	-.00290	.00400	.81200	.03987
.200	2.240	-.02640	-.02210	-.05470	.22700	.03373	-.00150	-.00300	.00500	.74100	.03885
.200	4.270	-.02860	-.02380	-.05440	.32500	.02694	-.00180	-.00280	.00700	.71300	.03852
.200	6.330	-.03170	-.03130	-.05840	.43100	.01661	-.00220	-.00270	.00800	.70200	.03794
.200	8.420	-.03360	-.03850	-.06350	.54400	.00339	-.00260	-.00250	.00900	.69500	.03800
.200	10.530	-.04470	-.04460	-.06490	.65400	-.01230	-.00300	-.00170	.01100	.68800	.03889
.200	12.620	-.05250	-.05030	-.06460	.76400	-.02692	-.00340	-.00050	.01200	.68300	.04015
.200	14.780	-.06130	-.05880	-.06640	.88500	-.04654	-.00330	-.00130	.01200	.67900	.04183
.200	16.890	-.07400	-.06260	-.07220	1.01110	-.06494	-.00340	-.00200	.01400	.67800	.04347
.200	18.960	-.08850	-.06600	-.07450	1.13360	-.08398	-.00390	-.00330	.01600	.67600	.04493
.200	21.030	-.11070	-.07200	-.08150	1.25680	-.09277	-.01170	-.01130	.02000	.67500	.04637
.200	23.360	-.13390	-.08390	-.09030	1.40020	-.09145	-.00790	-.00440	.01800	.67600	.05311
.200	25.250	-.12650	-.09210	-.08840	1.50390	-.10383	-.00680	-.00690	.02300	.67300	.05769
.200	GRADIENT	-.00063	-.00136	.00009	.04748	-.00022	-.00012	-.00000	.00058	.00822	-.00028

ORIGINAL PAGE IS
OF POOR QUALITY

DATE 01 MAR 75 TABULATED SOURCE DATA - 0A1108

(R09133) (10 NOV 74)

0A1108 862C10F10M7 NEM127E55V6 R3 19

REFERENCE DATA

3REF = 2090.0100 50.FT. XHRF = 1076.6800 INCHES
 LREF = 474.8100 INCHES YHRF = .0000 INCHES
 9REF = 936.6800 INCHES ZHRF = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = 15.000 ELV-LI = 15.000
 ELV-RI = 15.000 ELV-RO = 15.000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 135/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACK	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.300	-.05800	-.02400	-.08270	-.31490	.00455	-.00050	-.00330	.00100	.95500	.04261
.200	-8.200	-.05910	-.02670	-.08310	-.21450	.01866	-.00040	-.00220	.00200	.50900	.04198
.200	-6.100	-.05850	-.02780	-.08380	-.11270	.03123	-.00040	-.00310	.00200	.37800	.04212
.200	-3.990	-.05910	-.02970	-.08450	-.01310	.04060	-.00060	-.00320	.00200	-1.70600	.04185
.200	-1.800	-.06120	-.03390	-.08550	.00820	.04604	-.00070	-.00330	.00300	1.00800	.04130
.200	.110	-.06270	-.03770	-.08660	.18390	.04750	-.00100	-.00380	.00500	.82500	.04592
.200	2.210	-.05330	-.04160	-.08690	.28410	.04476	-.00130	-.00380	.00600	.76400	.04035
.200	4.300	-.06630	-.04820	-.08840	.38690	.03787	-.00160	-.00340	.00700	.73600	.03984
.200	6.430	-.07490	-.05280	-.09650	.50650	.02748	-.00200	-.00330	.00900	.72200	.03951
.200	8.460	-.08430	-.06140	-.10650	.62450	.01323	-.00270	-.00350	.01200	.71500	.03993
.200	10.610	-.09510	-.07150	-.11140	.74590	-.00034	-.00290	-.00230	.01200	.70700	.04116
.200	12.700	-.10320	-.07470	-.11260	.85780	-.01665	-.00270	-.00260	.01300	.70000	.04210
.200	14.780	-.11060	-.08140	-.11190	.97110	-.03450	-.00270	-.00280	.01300	.69400	.04390
.200	16.970	-.12320	-.08390	-.11530	1.09800	-.05373	-.00300	-.00310	.01400	.69000	.04565
.200	19.040	-.13940	-.08620	-.12020	1.22770	-.07284	-.00260	-.00570	.01500	.68800	.04776
.200	21.080	-.16470	-.08810	-.12540	1.34080	-.06932	-.01140	-.01270	.02900	.68600	.05206
.200	23.190	-.17810	-.10010	-.13280	1.47220	-.07722	-.00720	-.00510	.01700	.68500	.05771
.200	25.290	-.16950	-.10820	-.12790	1.50030	-.09104	-.00640	-.00680	.02200	.68200	.06138
.200	GRADIENT	-.05080	-.00217	-.00045	.04823	-.00033	-.00013	-.00004	.00063	.22570	-.00024

DATE 01 MAR 73

TABULATED SOURCE DATA - 0A1198

PAGE 117

0A1198 868C18F10M7 N28M/27E35V8 R5 X9

(RF9136) (18 NOV 74)

REFERENCE DATA

SREF = 2000.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BRFP = 536.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELV-LO = 15.000 ELV-LI = 15.000
 ELV-RI = 15.000 ELV-RJ = 15.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 138/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.290	-.09930	-.02480	-.06890	-.33330	.00628	-.00010	-.00330	.00000	.57600	-.04719
.200	-8.200	-.06060	-.02740	-.07030	-.22860	.02091	-.00010	-.00310	.00000	.53900	-.04636
.200	-6.120	-.03990	-.02830	-.07130	-.13010	.03389	-.00010	-.00310	.00100	.45000	-.04598
.200	-4.050	-.06040	-.03000	-.07170	-.03070	.04317	-.00020	-.00310	.00100	-.20400	-.04548
.200	-1.760	-.06210	-.03470	-.07250	.07310	.04830	-.00030	-.00310	.00200	1.00700	-.04522
.200	.220	-.06400	-.03910	-.07310	.17160	.04984	-.00040	-.00350	.00200	.80900	-.04426
.200	2.180	-.06380	-.04220	-.07280	.26550	.04697	-.00080	-.00380	.00400	.75300	-.04403
.200	4.390	-.06570	-.04840	-.07310	.37440	.04034	-.00120	-.00360	.00500	.72500	-.04247
.200	6.420	-.07300	-.05360	-.08060	.48740	.02997	-.00140	-.00330	.00700	.71300	-.04233
.200	8.460	-.08340	-.06150	-.09050	.60660	.01769	-.00230	-.00380	.01000	.70700	-.04298
.200	10.500	-.09410	-.07150	-.09510	.72410	.00283	-.00240	-.00230	.01100	.70000	-.04330
.200	12.720	-.10230	-.07310	-.09640	.83810	-.01428	-.00230	-.00230	.01100	.69400	-.04449
.200	14.760	-.10950	-.08150	-.09570	.95100	-.03226	-.00230	-.00270	.01100	.68900	-.04607
.200	16.990	-.12160	-.08400	-.09910	1.07390	-.05086	-.00260	-.00300	.01200	.68600	-.04777
.200	19.950	-.13740	-.08380	-.10110	1.19690	-.07067	-.00320	-.00390	.01500	.68300	-.04925
.200	21.580	-.15270	-.08750	-.10870	1.32020	-.06843	-.01140	-.01300	.03000	.68200	-.05428
.200	23.160	-.17530	-.09960	-.11550	1.44550	-.07475	-.00760	-.00260	.01900	.68100	-.05910
.200	25.360	-.16660	-.10770	-.10700	1.59210	-.08946	-.00620	-.00600	.02200	.67700	-.06344
.200	GRADIENT	-.09059	-.00213	-.00015	.04801	-.00033	-.00012	-.00008	.00048	.07912	-.00035

(EF9137) (18 NOV 74)

0A1198 862C12F10M16N20W127E55V6 R5 X9

PARAMETRIC DATA

BETA = .000 BDPLAF = -12.000
ELV-LO = 15.000 ELV-LI = 15.000
ELV-RI = 15.000 ELV-RO = 15.000
RUDDER = .000 SPDBRK = 25.000

REFERENCE DATA

SRP = 2690.0100 SO.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
SRP = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0425 SCALE

RUN NO. 137/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMET	CHNEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.280	-.06000	-.02510	-.06850	-.31120	.01250	.00010	-.00350	.00000	.37500	.04996
.200	-8.190	-.06260	-.02760	-.06820	-.21350	.02491	.00010	-.00320	.00000	.35500	.04976
.200	-6.150	-.06150	-.02890	-.06870	-.12190	.03711	.00000	-.00320	.00000	.44400	.04896
.200	-4.020	-.06220	-.03020	-.06960	-.02620	.04610	.00000	-.00330	.00100	.32200	.04848
.200	-1.940	-.06320	-.03460	-.07010	.06570	.09059	-.00010	-.00330	.00100	1.04400	.04830
.200	.110	-.06530	-.03920	-.07120	.15950	.05221	-.00020	-.00380	.00200	.81600	.04797
.200	2.170	-.06550	-.04250	-.07060	.25080	.04873	-.00050	-.00360	.00300	.75500	.04650
.200	4.290	-.06690	-.04830	-.07080	.34850	.04240	-.00090	-.00370	.00400	.72700	.04484
.200	6.370	-.07380	-.05400	-.07830	.45930	.03226	-.00130	-.00390	.00600	.71500	.04432
.200	8.470	-.08410	-.06140	-.08770	.57460	.01955	-.00210	-.00370	.01000	.70800	.04436
.200	10.610	-.09460	-.07100	-.09200	.68700	.00450	-.00200	-.00240	.00900	.70100	.04491
.200	12.680	-.10250	-.07440	-.09300	.79250	-.01116	-.00200	-.00280	.01000	.69500	.04546
.200	14.770	-.10980	-.08110	-.09200	.89950	-.02854	-.00220	-.00300	.01100	.68900	.04711
.200	16.910	-.12260	-.08380	-.09320	1.01780	-.04632	-.00260	-.00300	.01200	.68600	.04912
.200	18.940	-.13860	-.08530	-.09840	1.13350	-.06429	-.00320	-.00400	.01500	.68400	.05200
.200	21.070	-.16430	-.08720	-.10620	1.25580	-.06187	-.01160	-.01290	.03200	.68300	.05756
.200	23.160	-.17640	-.09890	-.11190	1.37290	-.06729	-.00770	-.00240	.02000	.68200	.06218
.200	25.240	-.16560	-.10740	-.09940	1.45720	-.07951	-.00580	-.00210	.01800	.67700	.06644
GRADIENT	-.00058	-.00213	-.00213	-.00014	.04508	-.00045	-.00011	-.00006	.00039	.08720	-.00044

QAI198 862C12F10M16N20W127E33V8 R3 X9

(RFS130) (18 NOV 74)

REFERENCE DATA

3REF = 2892.0100 50. FT. XMRP = 1076.6800 INCHES
 4REF = 474.6100 INCHES YMRP = .0000 INCHES
 5REF = 932.6800 INCHES ZMRP = 378.5000 INCHES
 SCALE = .04% SCALE

BETA = .000 BDFLAP = .000
 ELV-LO = 15.000 ELV-LI = 15.000
 ELV-RI = 15.000 ELV-RO = 15.000
 RUDDER = .000 SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 139/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

DATA	ALPHA	CHWET	CHWEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
200	10.270	-0.03970	-0.02490	-0.07950	-0.29410	.01926	-0.00040	-0.00350	.00100	.58200	.04560
201	8.215	-0.06030	-0.02700	-0.08040	-0.20020	.02253	-0.00030	-0.00350	.00100	.50400	.04550
202	6.060	-0.07970	-0.02810	-0.08140	-0.10280	.03487	-0.00040	-0.00340	.00200	.36100	.04540
203	4.030	-0.06020	-0.02990	-0.08190	-0.00800	.04350	-0.00050	-0.00340	.00300	-3.11200	.04466
204	2.050	-0.06180	-0.03420	-0.08250	.00390	.04796	-0.00060	-0.00340	.00400	1.01400	.04464
205	0.125	-0.06400	-0.03810	-0.08400	.17670	.04968	-0.00100	-0.00400	.00500	.82700	.04383
206	2.200	-0.06410	-0.04160	-0.08400	.27350	.04616	-0.00120	-0.00400	.00600	.76500	.04312
207	4.270	-0.06660	-0.04760	-0.08590	.36770	.03954	-0.00170	-0.00380	.00800	.73600	.04291
208	6.390	-0.07410	-0.05110	-0.09360	.47990	.02948	-0.00190	-0.00340	.00900	.72400	.04175
209	8.470	-0.08490	-0.06140	-0.10350	.59450	.01641	-0.00270	-0.00350	.01200	.71600	.04251
210	10.570	-0.09480	-0.07090	-0.10820	.70580	.00212	-0.00280	-0.00240	.01200	.70800	.04255
211	12.720	-0.10310	-0.07450	-0.10940	.81510	-.01416	-0.00270	-0.00270	.01300	.70100	.04412
212	14.760	-0.11040	-0.08130	-0.10820	.91960	-.03073	-0.00270	-0.00290	.01300	.69500	.04502
213	16.930	-0.12340	-0.08400	-0.11140	1.04000	-.04869	-0.00280	-0.00350	.01400	.69100	.04757
214	18.950	-0.13950	-0.08560	-0.11400	1.15410	-.06607	-0.00330	-0.00390	.01500	.68800	.04938
215	21.100	-0.16510	-0.08790	-0.12180	1.27580	-.08359	-0.01110	-0.01230	.02900	.68700	.05444
216	23.260	-0.17840	-0.10030	-0.12810	1.39780	-.06747	-0.00670	-0.00150	.01600	.68600	.05901
217	25.270	-0.16720	-0.10830	-0.11790	1.48500	-.08920	-0.00500	-0.00180	.01600	.68100	.06316
218	GRADIENT	-0.00073	-0.00210	-0.00346	.04577	-.00048	-0.00014	-0.00007	.00050	.36081	-.00027

(RF9139) (16 NOV 74)

041198 862C12P10H16N20W127E55V6 R5 X9

REFERENCE DATA

SRFP = 2630.5100 SQ.FT. XMRP = 1076.6000 INCHES
LRFP = 474.8100 INCHES YMRP = .0000 INCHES
SRFP = 936.8800 INCHES ZMRP = 373.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000
ELV-LO = 20.000
ELV-RO = 20.000
ELV-RI = 20.000
RUDDER = .000
SPDRBK = 25.000

RUN NO. 139/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHWEO	CLW	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.260	-.0800	-.0326	-.1000	-.2332	.0216	.0000	-.0031	.0000	.5060	.04719
.200	-8.190	-.0907	-.0378	-.1041	-.1536	.0334	-.0001	-.0028	.0010	.4080	.04735
.200	-6.580	-.0919	-.0399	-.1056	-.0570	.0478	-.0001	-.0027	.0010	-.0290	.04661
.200	-3.990	-.0933	-.0429	-.1070	.0377	.0588	-.0004	-.0028	.0030	1.6960	.04663
.200	-1.860	-.0942	-.0497	-.1067	.1293	.0690	-.0003	-.0024	.0030	.9550	.04543
.200	.190	-.0936	-.0546	-.1083	.2245	.0616	-.0007	-.0032	.0050	.8290	.04539
.200	2.210	-.0920	-.0612	-.1120	.3222	.0604	-.0009	-.0041	.0060	.7800	.04366
.200	4.310	-.1026	-.0672	-.1173	.4238	.0546	-.0011	-.0053	.0080	.7540	.04391
.200	6.500	-.1167	-.0730	-.1267	.5427	.0452	-.0009	-.0064	.0090	.7390	.04376
.200	8.500	-.1357	-.0848	-.1401	.6594	.0343	-.0015	-.0058	.0120	.7300	.04383
.200	10.620	-.1506	-.0943	-.1472	.7767	.0204	-.0018	-.0050	.0130	.7220	.04438
.200	12.740	-.1606	-.0976	-.1484	.8886	.0034	-.0022	-.0044	.0140	.7130	.04535
.200	14.800	-.1692	-.1081	-.1484	.9947	-.0129	-.0026	-.0042	.0150	.7070	.04711
.200	16.950	-.1793	-.1029	-.1486	1.1087	-.0341	-.0028	-.0031	.0160	.7010	.04832
.200	18.990	-.1925	-.1041	-.1541	1.2284	-.0484	-.0023	-.0084	.0160	.6980	.05089
.200	21.160	-.2210	-.1027	-.1578	1.3426	-.0441	-.0111	-.0136	.0310	.6950	.05698
.200	23.320	-.2273	-.1169	-.1656	1.4754	-.0483	-.0055	-.0010	.0170	.6930	.06241
.200	25.270	-.2171	-.1225	-.1501	1.5420	-.0606	-.0052	-.0029	.0180	.6880	.06682
GRADIENT		-.0009	-.0029	-.0012	.0468	-.0001	-.0001	-.0002	.0006	-.1000	-.00035

CATE 01 MAR 75

TABULATED SOURCE DATA - 0A1198

0A1198 862C12F10M16N28M12T55V8 R3 X9

(RF9140) (18 NOV 74)

REFERENCE DATA

REF = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -32.000
 ELV-LO = 20.000 ELV-LI = 20.000
 ELV-RI = 20.000 ELV-RO = 20.000
 RUDDER = .000 SPCBRK = 25.000

RUN NO. 140/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMEI	CHNEO	CLM	CN	CAF	CYN	CBL	CY	KCF/L	CAB
.200	-10.250	-.09310	-.03330	-.08960	-.26540	.02561	.00060	-.00310	-.00200	.52800	.05067
.200	-8.170	-.09600	-.03860	-.09370	-.15260	.03552	.00060	-.00290	-.00100	.44000	.05059
.200	-6.530	-.09720	-.04070	-.09560	-.06540	.05168	.00050	-.00270	-.00100	.11400	.04972
.200	-3.990	-.09810	-.04340	-.09680	.02670	.05968	.00020	-.00290	.00000	1.98300	.04954
.200	-1.840	-.09820	-.05070	-.09720	.12140	.06439	.00000	-.00270	.00100	.94600	.04868
.200	.140	-.09990	-.05710	-.09750	.21070	.06947	.00000	-.00290	.00100	.62200	.04790
.200	2.540	-.09510	-.06350	-.10000	.32360	.06244	-.00020	-.00440	.00400	.76600	.04729
.200	4.310	-.10190	-.06800	-.10150	.40510	.05695	-.00040	-.00310	.00600	.74400	.04586
.200	6.410	-.12000	-.07300	-.11270	.52320	.04852	-.00040	-.00360	.00700	.73100	.04643
.200	8.500	-.13370	-.08480	-.12320	.63850	.03781	-.00080	-.00360	.00900	.72500	.04537
.200	10.590	-.15180	-.09460	-.13080	.75600	.02387	-.00100	-.00460	.01000	.71300	.04634
.200	12.690	-.17110	-.09740	-.13150	.86130	.00738	-.00150	-.00420	.01100	.70800	.04790
.200	14.820	-.16980	-.10790	-.13200	.97410	-.00964	-.00200	-.00420	.01100	.70200	.04800
.200	16.910	-.17570	-.10290	-.13280	1.08830	-.02828	-.00250	-.00370	.01400	.69700	.05079
.200	19.030	-.19350	-.10410	-.13670	1.21030	-.04657	-.00220	-.00370	.01500	.69300	.05342
.200	21.120	-.22230	-.10200	-.14130	1.31990	-.04136	-.01150	-.00360	.03200	.69100	.05951
.200	23.220	-.22580	-.11550	-.14720	1.43920	-.04589	-.00720	-.00360	.02000	.68900	.06549
.200	25.280	-.21710	-.12080	-.13140	1.51510	-.05842	-.00570	-.00400	.02200	.68400	.06968
.200	GRADIENT	-.00040	-.00296	-.00058	.04571	-.00034	-.00007	-.00029	.00072	-.12717	-.05041

Q01198 868C12F10M7 N20U127E38U4 R5 X9

(RFS141) (18 NOV 74)

REFERENCE DATA

SRP = 2490.0100 80.FT. XMRP = 1076.6000 INCHES
 LREF = 474.0100 INCHES YMRP = .0000 INCHES
 SRP = 936.6000 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0453 SCALE

PARAMETRIC DATA

BETA = .008 BDFLAP = -12.000
 ELV-LO = 20.000 ELV-LI = 20.000
 ELV-RI = 20.000 ELV-RO = 20.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 141/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MAIN	ALPHA	CHWEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.250	-1.1260	-.09070	-.03300	-.09190	-.28570	.02046	.00060	-.00310	-.00200	.53300	-.04761
.250	-8.170	-.09410	-.03640	-.09590	-.18070	.03470	.00040	-.00270	-.00100	.45700	-.04746
.250	-6.100	-.09470	-.04040	-.09760	-.07880	.04775	.00020	-.00270	.00000	.19600	-.04706
.250	-4.010	-.09590	-.04320	-.09910	.02220	.05700	.00000	-.00290	.00000	2.29100	.04667
.250	-1.920	-.09640	-.05060	-.09900	.11890	.06204	-.00010	-.00240	.00100	.95800	.04624
.250	.140	-.09770	-.05660	-.09950	.21730	.06366	-.00030	-.00300	.00200	.82000	.04539
.250	2.220	-.09850	-.06230	-.10190	.32210	.06186	-.00040	-.00430	.00400	.76900	.04453
.250	4.300	-.10050	-.06780	-.10460	.42490	.05316	-.00050	-.00320	.00600	.74200	.04458
.250	6.410	-.11020	-.07300	-.11570	.54670	.04813	-.00030	-.00640	.00700	.73000	.04342
.250	8.500	-.13460	-.08510	-.12620	.66960	.03889	-.00090	-.00860	.00900	.72100	.04400
.250	10.600	-.14990	-.09470	-.13340	.79140	.02166	-.00130	-.00300	.01000	.71400	.04457
.250	12.720	-.16010	-.09770	-.13490	.90680	.00399	-.00160	-.00440	.01100	.70700	.04618
.250	14.810	-.16920	-.10780	-.13550	1.02550	-.01354	-.00210	-.00430	.01200	.70000	.04751
.250	16.890	-.17220	-.10340	-.13370	1.14170	-.03319	-.00270	-.00390	.01500	.69600	.04993
.250	19.030	-.19170	-.10410	-.14000	1.27210	-.05241	-.00220	-.00600	.01500	.69200	.05189
.250	21.110	-.22460	-.10240	-.14330	1.36280	-.04747	-.01130	-.01420	.03100	.69000	.05662
.250	23.210	-.22390	-.11570	-.14240	1.50640	-.05267	-.00730	-.00190	.02000	.68800	.05827
.250	25.310	-.21420	-.12230	-.13560	1.59970	-.06894	-.00560	-.00290	.01900	.68300	.06667
GRADIENT		-.00045	-.00203	-.00067	.04858	-.00019	-.00006	-.00031	.00072	-.15849	-.00028

041198 062C12F10M7 N20W127E55V8 R5 X9

(RFP0142) (18 NOV 74)

REFERENCE DATA

SRF = 2000.0100 SQ.FT. XSRF = 1076.6800 INCHES
 LREF = 474.8100 INCHES YSRF = .0000 INCHES
 BREF = 235.6800 INCHES ZSRF = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = .000
 ELV-LO = 20.000 ELV-LI = 20.000
 ELV-RI = 20.000 ELV-RO = 20.000
 RUDDER = .000 SPDBRK = 25.000

RUA NO. 142/ 0 RNL = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CM _{NET}	CM _{NEO}	CLM	CN	CAF	CYN	CSL	CY	YCF/L	CAB
.200	-10.260	-.08540	-.03220	-.10350	-.27150	.01678	.00020	-.00300	.00000	.51100	-.04362
.200	-8.180	-.08770	-.03750	-.10640	-.16980	.03112	.00000	-.00260	.00000	.42100	-.04350
.200	-6.090	-.08930	-.03950	-.10780	-.06600	.04406	.00000	-.00250	.00100	.05100	-.04370
.200	-4.020	-.09040	-.04230	-.10900	-.03100	.05289	-.00010	-.00260	.00100	1.54400	-.04310
.200	-1.870	-.09130	-.04930	-.10660	.13230	.05828	-.00050	-.00220	.00350	.95400	-.04275
.200	.160	-.09140	-.05410	-.11100	.23290	.06040	-.00070	-.00340	.00400	.62700	-.04204
.200	2.230	-.09400	-.06110	-.11550	.33960	.05683	-.00060	-.00420	.00500	.77700	-.04155
.200	4.310	-.10080	-.06700	-.11990	.44420	.05272	-.00110	-.00520	.00900	.75100	-.04145
.200	6.420	-.11600	-.07250	-.13150	.56740	.04465	-.00060	-.00660	.00900	.77700	-.04093
.200	8.530	-.13320	-.08490	-.14280	.69420	.03239	-.00140	-.00570	.01200	.78000	-.04125
.200	10.640	-.14850	-.09430	-.14980	.81530	.01805	-.00180	-.00500	.01200	.71970	-.04275
.200	12.730	-.15880	-.09760	-.15130	.92970	.00134	-.00220	-.00430	.01400	.71200	-.04235
.200	14.810	-.16740	-.10750	-.15240	1.04600	-.01607	-.00260	-.00430	.01400	.70500	-.04245
.200	16.900	-.17620	-.11300	-.15230	1.16340	-.03594	-.00310	-.00330	.01600	.70000	-.04772
.200	19.030	-.19030	-.10300	-.15630	1.29200	-.05422	-.00240	-.00800	.01600	.69600	-.04916
.200	21.160	-.21970	-.10300	-.16020	1.40790	-.04929	-.00110	-.01340	.03000	.69400	-.05421
.200	23.250	-.22580	-.11650	-.16690	1.53570	-.05436	-.00640	-.00110	.01700	.69200	-.05988
.200	25.320	-.21560	-.12330	-.15450	1.62780	-.06987	-.00530	-.00110	.01900	.68700	-.06460
.200	GRADIENT	-.05113	-.00295	-.00138	.04979	.00001	-.00011	-.00035	.00087	-.12403	-.00022

CA1198 802C12F1D16N26W187E99V8 R3 R9

(RFS143) (18 NOV 74)

REFERENCE DATA

SRP = 2690.0100 90.FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 SRP = 930.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = 20.000 ELV-LI = 20.000
 ELV-RI = 20.000 ELV-RO = 20.000
 RUDDER = .000 SPDBRK = 23.000

RUN NO. 143/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHMEQ	CLM	CN	CAF	CYN	CBL	CV	XCP/L	CAB
.200	-10.220	-.09330	-.03380	-.10500	-.24110	.02377	-.00020	-.00190	.00000	.49100	.04747
.200	-8.140	-.09620	-.03820	-.10620	-.14290	.03686	.00010	-.00150	.00000	.37350	.04719
.200	-6.050	-.09850	-.04090	-.11090	-.04430	.04916	.00000	-.00160	.00000	-.26800	.04731
.200	-3.950	-.10060	-.04370	-.11250	.04950	.03790	.00000	-.00170	.00100	1.48800	.04683
.200	-1.910	-.10290	-.04810	-.11340	.14240	.06258	.00020	-.00250	.00100	.94500	.04597
.200	.180	-.11210	-.05880	-.11650	.24060	.06328	-.00020	-.00140	.00000	.83000	.04591
.200	2.250	-.11130	-.06730	-.12200	.34480	.06111	-.00100	.00100	.00300	.76200	.04581
.200	4.340	-.11700	-.07010	-.12700	.44610	.05563	-.00100	.00000	.00400	.75750	.04433
.200	6.430	-.11950	-.07610	-.13730	.56130	.04640	.00000	-.00110	.00400	.74200	.04485
.200	8.510	-.13100	-.08330	-.14750	.67650	.03450	.00000	-.00200	.00600	.73200	.04449
.200	10.620	-.14170	-.09220	-.15510	.79450	.02046	-.00090	-.00230	.00800	.72400	.04510
.200	12.720	-.14920	-.09210	-.15520	.90210	.00368	-.00110	-.00210	.00900	.71500	.04585
.200	14.830	-.15740	-.09760	-.15400	1.00970	-.01375	-.00130	-.00160	.01000	.70800	.04735
.200	16.950	-.16980	-.09760	-.15740	1.13080	-.03174	-.00100	-.00200	.01000	.70100	.04934
.200	19.060	-.18200	-.10030	-.15960	1.24910	-.04961	-.00160	-.00370	.01200	.69900	.05148
.200	21.130	-.21040	-.09930	-.16150	1.35270	-.04420	-.01050	-.01160	.02700	.69600	.05689
.200	23.210	-.22240	-.11290	-.16860	1.47450	-.04740	-.00360	.00170	.01400	.69400	.06243
.200	25.300	-.20840	-.11930	-.15170	1.54950	-.06914	-.00470	-.00200	.01600	.68800	.06713
.200	GRADIENT	-.02287	-.00346	-.00181	.04782	-.00029	-.00015	.00033	.00033	-.07895	-.05923

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TABULATED SOURCE DATA - 041198

(RF9144) (18 NOV 74)

REFERENCE DATA

SEEP = 2890.0100 SQ.FT. WHP = 1076.6800 INCHES
 LREQ = 474.8100 INCHES WHP = .0000 INCHES
 BREF = 936.6800 INCHES ZWHP = 379.0000 INCHES
 SCALE = .0005 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = 20.000
 ELV-RI = 20.000 ELV-RO = 20.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 144/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CLN	CAF	CYN	CBL	CY	KCF/L	CAB
.200	-10.280	-.08200	.02390	-.07960	-.29270	.01621	.00240	-.01470	-.00200	.55200	.04625
.200	-8.190	-.08640	.02130	-.08170	-.19360	.02942	.00250	-.01500	-.00100	.49600	.04651
.200	-6.110	-.08810	.01850	-.08310	-.09950	.04124	.00230	-.01510	.00000	.34400	.04625
.200	-4.030	-.09160	.01590	-.08420	-.00650	.04981	.00170	-.01520	.00200	-4.10300	.04563
.200	-1.960	-.08890	.01450	-.08300	.08160	.05325	.00170	-.01540	.00300	1.02600	.04541
.200	.590	-.08800	.01280	-.08400	.17780	.05561	.00140	-.01680	.00500	.82600	.04435
.200	2.180	-.08770	.01090	-.08620	.27370	.05242	.00150	-.01820	.00700	.76800	.04425
.200	4.270	-.09070	.00790	-.08960	.37340	.04682	.00110	-.01990	.01100	.74500	.04333
.200	6.360	-.10230	.00300	-.10000	.48880	.03867	.00170	-.02180	.01300	.72700	.04283
.200	8.450	-.11590	-.00310	-.10790	.59990	.02601	.00170	-.02230	.01500	.71800	.04307
.200	10.580	-.12790	-.01090	-.11420	.71540	.01116	.00150	-.02220	.01800	.71100	.04419
.200	12.640	-.14060	-.01750	-.11560	.82100	-.00456	.00130	-.02260	.01900	.70400	.04456
.200	14.720	-.15030	-.02540	-.11800	.93190	-.02160	.00080	-.02160	.02000	.69800	.04672
.200	16.840	-.16230	-.03360	-.11910	1.04930	-.03911	.00080	-.01900	.02000	.69400	.04855
.200	18.930	-.17720	-.04340	-.12550	1.17580	-.05664	.00060	-.02230	.02100	.69100	.05107
.200	21.060	-.19670	-.04540	-.13280	1.25830	-.05722	-.00620	-.02250	.03100	.68900	.05469
.200	23.180	-.21690	-.06830	-.14090	1.41750	-.05751	-.00260	-.01590	.02000	.68800	.06130
.200	25.340	-.20500	-.08350	-.13680	1.52860	-.07232	-.00010	-.00890	.01100	.68500	.06597
GRADIENT		-.00005	-.00095	-.00068	.04590	-.00033	-.00007	-.00059	.00066	.45366	-.00028

041198 562C12F10H16K20W127E60V8 R3 19

(RF9145) (18 NOV 74)

REFERENCE DATA

BREF = 2890.0100 50.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

BETA = .000 80FLAP = .000
ELV-LO = 20.000 ELV-LI = 20.000
ELV-RI = 20.000 ELV-RO = 20.000
RUDDER = .000 SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 145/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CV	KCF/L	CAB
.200	-10.230	-.06960	-.02890	-.11370	-.21810	.02527	.00070	.00020	-.00100	.46000	.04785
.200	-8.140	-.07420	-.03270	-.11560	-.12040	.03889	.00070	-.00020	-.00100	.29900	.04782
.200	-6.060	-.07680	-.03520	-.11620	-.02810	.03093	.00060	-.00070	.00000	-.86800	.04706
.200	-3.980	-.08010	-.03860	-.11580	.06340	.05899	.00050	-.00110	.00100	1.33000	.04681
.200	-1.900	-.08300	-.04340	-.11770	.15630	.06351	.00040	-.00140	.00100	.92900	.04611
.200	.190	-.08680	-.05080	-.11850	.25080	.06348	.00030	-.00160	.00300	.82600	.04625
.200	2.230	-.09040	-.05660	-.11960	.34450	.06062	.00020	-.00170	.00300	.78000	.04527
.200	4.310	-.09650	-.06370	-.12060	.43760	.05390	-.00030	-.00190	.00500	.73000	.04419
.200	6.400	-.10310	-.07060	-.12820	.54590	.04448	-.00040	-.00110	.00500	.73800	.04390
.200	8.510	-.10590	-.07830	-.13790	.66250	.03192	-.00020	-.00060	.00600	.72800	.04375
.200	10.650	-.12050	-.08620	-.14450	.78030	.01724	-.00040	-.00100	.00700	.72000	.04482
.200	12.710	-.13780	-.09440	-.14700	.88800	.00243	-.00060	-.00200	.00800	.71300	.04532
.200	14.800	-.14870	-.10430	-.14850	1.00010	-.01360	-.00070	-.00190	.00900	.70600	.04714
.200	16.910	-.16540	-.10830	-.15120	1.11340	-.03015	-.00130	-.00230	.01100	.70200	.04873
.200	19.010	-.18420	-.10860	-.15540	1.23580	-.04700	-.00150	-.00620	.01300	.69800	.05110
.200	21.110	-.20900	-.11490	-.15440	1.33700	-.04184	-.01000	-.01110	.02700	.69400	.05656
.200	23.190	-.21620	-.11480	-.15380	1.43930	-.04319	-.00630	-.00030	.01700	.69100	.06228
.200	25.280	-.19960	-.12380	-.14250	1.53080	-.03716	-.00540	-.00260	.01900	.68600	.06752
	GRADIENT	-.00194	-.00306	-.00046	.04321	-.00063	-.00010	-.00009	.00048	-.06299	-.00029



0A1198 862C12F10H16N20W12E55V8 R5 X9

(RF9146) (10 NOV 74)

REFERENCE DATA

SREF = 2690.0100 SQ.FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 SREF = 936.6200 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0455 SCALE

PARAMETRIC DATA

BETA = .000 BCFLAP = .000
 ELV-LO = .000 ELV-LI = 20.000
 ELV-RI = 20.000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 146/ 0 RN/L = 1.48 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHKEI	CHNEG	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.220	-.06320	.02310	-.05760	-.33500	.00897	-.00060	-.00200	.00000	.58900	-.04934
.200	-8.220	-.08670	.02100	-.05740	-.24090	.02034	-.00050	-.00190	.00000	.53400	-.04563
.200	-6.130	-.08890	.01620	-.05830	-.14640	.03263	-.00040	-.00120	.00000	.50300	-.04516
.200	-4.060	-.08980	.01550	-.05920	-.05200	.04226	-.00040	-.00130	.00000	.23300	-.04493
.200	-2.510	-.08930	.01390	-.05790	.03690	.04850	-.00050	-.00140	.00100	1.23000	-.04387
.200	.070	-.08830	.01230	-.05610	.12670	.04648	-.00060	-.00150	.00200	.61500	-.04401
.200	2.140	-.08750	.01030	-.05480	.21640	.04314	-.00090	-.00150	.00350	.74200	-.04320
.200	4.220	-.08960	.00750	-.05600	.31420	.03564	-.00130	-.00200	.00500	.71700	-.04223
.200	6.350	-.10200	.00270	-.06180	.42120	.02830	-.00160	-.00200	.00600	.70500	-.04239
.200	8.410	-.11520	-.00320	-.06790	.53010	.01367	-.00190	-.00160	.00600	.69500	-.04217
.200	10.510	-.12660	-.01060	-.07390	.64020	-.00080	-.00240	-.00210	.01000	.69400	-.04274
.200	12.620	-.13930	-.01720	-.07830	.75130	-.01669	-.00280	-.00280	.01200	.68900	-.04426
.200	14.690	-.14950	-.02320	-.07880	.86220	-.03293	-.00340	-.00300	.01400	.68500	-.04553
.200	16.790	-.16080	-.03360	-.08420	.98400	-.05079	-.00380	-.00330	.01500	.68300	-.04756
.200	18.920	-.17360	-.03340	-.08960	1.10760	-.06768	-.00360	-.00440	.01400	.68200	-.04920
.200	21.040	-.19600	-.04560	-.10170	1.24180	-.06963	-.01110	-.00840	.02600	.68200	-.05398
.200	23.150	-.21680	-.06770	-.11690	1.38370	-.07718	-.01050	-.00580	.02300	.68300	-.05869
.200	25.270	-.25920	-.08310	-.12340	1.50690	-.08507	-.00650	-.00360	.01900	.68200	-.06486
	GRADIENT	.00011	-.00095	.00046	.04413	-.00071	-.00011	-.00007	.00058	.02302	-.00026

0A1198 868C18F10H16N28M18T55V8 R5 19

(RF9147) (18 NOV 74)

REFERENCE DATA

SRFP = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LRFP = 474.8100 INCHES YMRP = .0000 INCHES
 BRFP = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = 10.000 ELV-LI = 20.000
 ELV-RI = 20.000 ELV-RO = 10.000
 RUDDER = .000 SPD3RK = 25.000

RUN NO. 147/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CSL	CY	XCF/L	CAB
.200	-10.280	-.08700	-.01550	-.08670	-.27630	.01437	-.00030	-.00320	.00000	.53600	.04662
.200	-8.200	-.09140	-.01820	-.08750	-.18070	.02768	-.00040	-.00280	.00000	.47400	.04595
.200	-6.110	-.09160	-.01910	-.09840	-.08660	.03913	-.00020	-.00280	.00000	.27600	.04625
.200	-4.040	-.09180	-.02030	-.08870	.00430	.04751	-.00030	-.00280	.00100	8.20700	.04523
.200	-1.940	-.09160	-.02250	-.08860	.09720	.05170	-.00060	-.00290	.00200	.98700	.04524
.200	.110	-.09040	-.02540	-.08760	.18800	.05202	-.00070	-.00310	.00300	.82300	.04462
.200	2.200	-.08900	-.02840	-.08650	.27940	.04812	-.00110	-.00270	.00500	.76600	.04418
.200	4.270	-.09080	-.03300	-.08630	.37360	.04071	-.00150	-.00270	.00600	.73700	.04343
.200	6.380	-.10420	-.03920	-.09340	.48030	.03137	-.00210	-.00290	.00900	.72300	.04239
.200	8.460	-.12000	-.04730	-.10190	.59210	.01831	-.00240	-.00320	.01000	.71500	.04280
.200	10.570	-.13710	-.05540	-.10750	.70580	.00402	-.00300	-.00240	.01300	.70800	.04378
.200	12.660	-.14960	-.05920	-.11130	.81730	-.01094	-.00350	-.00210	.01400	.70200	.04449
.200	14.760	-.15820	-.06660	-.11420	.93290	-.02740	-.00360	-.00260	.01500	.69700	.04620
.200	16.830	-.16880	-.07360	-.11970	1.05360	-.04449	-.00340	-.00280	.01500	.69400	.04842
.200	18.990	-.18240	-.07190	-.12380	1.17730	-.06324	-.00320	-.00520	.01500	.69100	.05036
.200	21.090	-.20950	-.07880	-.13340	1.29960	-.05937	-.01190	-.01230	.03000	.69000	.05516
.200	23.180	-.22300	-.09670	-.14470	1.43440	-.08501	-.00870	-.00440	.02000	.68900	.06076
.200	25.310	-.21090	-.10700	-.13750	1.53040	-.07563	-.00640	-.00410	.02100	.68500	.06577
GRADIENT		.00022	-.00151	.00033	.04435	-.00083	-.00014	.00002	.00063	-.73160	-.00022



041198 862C12P10H16N28U12E33V0 R5 X9

(RF9148) (18 NOV 74)

REFERENCE DATA

XREF = 8690.0100 SQ.FT. XREF = 1076.6800 INCHES
 YREF = 474.8100 INCHES YREF = .0000 INCHES
 ZREF = 936.6800 INCHES ZREF = 373.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDPLAP = .000
 ELV-LO = 15.000 ELV-LI = 20.000
 ELV-RI = 20.000 ELV-RO = 5.000
 RUDDER = .000 SPD8RK = 25.000

RUN NO. 148/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALFMA	CHMEI	CHMEO	CLM	CN	CV	CYN	CBL	CY	XCF/L	CAB
.200	-15.270	-.08750	-.02730	-.08280	-.28110	.01379	-.00190	.00300	.00000	.54300	.04666
.200	-8.180	-.09510	-.03060	-.08450	-.18340	.02683	-.00190	.00400	.00000	.48500	.04632
.200	-6.590	-.09150	-.03210	-.08530	-.09090	.03671	-.00170	.00430	.00000	.30600	.04613
.200	-4.530	-.09200	-.03390	-.08630	.00090	.04691	-.00160	.00410	.00000	-.32.73300	.04583
.200	-1.910	-.09170	-.03830	-.08560	.09280	.05133	-.00170	.00430	.00100	.99100	.04496
.200	.130	-.09150	-.04300	-.08460	.18370	.05150	-.00180	.00470	.00100	.82100	.04482
.200	2.210	-.09060	-.04640	-.08350	.27530	.04777	-.00230	.00480	.00300	.76300	.04424
.200	4.270	-.09470	-.05290	-.08400	.36590	.04599	-.00260	.00540	.00300	.73600	.04321
.200	6.370	-.10790	-.05960	-.09150	.47920	.03152	-.00320	.00540	.00600	.72200	.04265
.200	8.470	-.12650	-.06500	-.10050	.59050	.01902	-.00390	.00560	.00700	.71400	.04295
.200	10.590	-.14230	-.07560	-.10780	.70680	.00496	-.00430	.00640	.01000	.70800	.04386
.200	12.670	-.15290	-.07880	-.10880	.81280	-.01036	-.00520	.00730	.01100	.70100	.04445
.200	14.750	-.16140	-.08520	-.11240	.92680	-.02647	-.00530	.00820	.01200	.69600	.04553
.200	16.880	-.17270	-.09200	-.11510	1.04610	-.04472	-.00560	.00850	.01300	.69200	.04600
.200	18.980	-.18590	-.09890	-.11900	1.16570	-.06315	-.00540	.00430	.01300	.68900	.05012
.200	21.110	-.21530	-.09560	-.12970	1.29390	-.05930	-.01430	-.00370	.02800	.68900	.05527
.200	23.210	-.22300	-.10640	-.14380	1.43610	-.06788	-.01220	-.00090	.02200	.68900	.06004
.200	25.320	-.21300	-.11340	-.13620	1.53260	-.07317	-.00930	-.00090	.02400	.68500	.06584
.200	GRADIENT	-.00021	-.00222	.00032	.04433	-.00074	-.00013	.00015	.00039	3.23525	-.00029

CA1198 862C12F10M16N20M127E55V8 R3 X9

(RF9149) (18 NOV 74)

REFERENCE DATA

BREF = 2690.0100 90.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0493 SCALE

PARAMETRIC DATA

BETA = .000 SDFLAP = .000
 ELV-LO = 15.000 ELV-LI = 10.000
 ELV-RI = 10.000 ELV-RO = 5.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 149/ 5 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CMHEI	CMHCO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.350	-.02350	-.02150	-.04750	-.35600	-.00238	-.00210	.00390	.00100	.60300	.04437
.200	-8.250	-.02610	-.02360	-.04700	-.26150	.00977	-.00180	.00450	.00000	.58600	.04426
.200	-6.160	-.02590	-.02300	-.04770	-.16650	.00210	-.00170	.00410	.00100	.54600	.04387
.200	-4.100	-.02620	-.02430	-.04770	-.07480	.03111	-.00170	.00390	.00100	.41700	.04329
.200	-2.000	-.02740	-.02810	-.04800	.01850	.03625	-.00180	.00410	.00200	1.61500	.04270
.200	.560	-.03030	-.03340	-.04870	.11210	.03762	-.00180	.00470	.00100	.81200	.04220
.200	2.150	-.03220	-.03810	-.04940	.20710	.03474	-.00220	.00510	.00200	.74000	.04224
.200	4.200	-.03440	-.04390	-.05040	.30280	.02938	-.00250	.00560	.00300	.71300	.04039
.200	6.320	-.03680	-.05050	-.05470	.40760	.01832	-.00270	.00650	.00300	.70100	.04030
.200	8.420	-.04390	-.05710	-.05970	.51500	.00520	-.00340	.00730	.00500	.69400	.04038
.200	10.500	-.05050	-.06660	-.06220	.62060	-.00898	-.00400	.00810	.00600	.68900	.04165
.200	12.590	-.05730	-.06940	-.06070	.71990	-.02542	-.00430	.00850	.00700	.68300	.04165
.200	14.670	-.06510	-.07500	-.06120	.82850	-.04198	-.00440	.00750	.00900	.67900	.04313
.200	16.760	-.07790	-.08000	-.06460	.94690	-.05980	-.00490	.00720	.01000	.67700	.04535
.200	18.860	-.09200	-.07960	-.06800	1.06330	-.07814	-.00490	.00500	.01200	.67500	.04686
.200	20.990	-.10540	-.08350	-.07510	1.18370	-.07658	-.01280	-.00380	.02500	.67500	.05110
.200	23.120	-.13550	-.09300	-.08420	1.31410	-.08455	-.01020	.00750	.01800	.67500	.05433
.200	25.210	-.18220	-.10410	-.07980	1.41590	-.09480	-.00840	.00120	.01900	.67300	.05943
.200	GRADIENT	-.00102	-.00237	-.00033	.04549	-.00024	-.00010	.00021	.00019	-.01328	-.00030

DATE 01 MAR 73

TABULATED SOURCE DATA - 0A1198

(RF9150) (18 NOV 74)

0A1198 862C12F10M16N20M127E53V8 R5 X9

REFERENCE DATA

SREF = 2800.0100 30.FT. XREF = 1076.6000 INCHES
 LREF = 474.8100 INCHES YREF = .0000 INCHES
 ZREF = 936.6000 INCHES ZREF = 373.0000 INCHES
 SCALE = .2400 SCALE

BETA = .000 SDFLAP = .000
 ELV-LO = 20.000 ELV-LI = 10.000
 ELV-RI = 10.000 ELV-RO = .000
 RUDDER = .000 SFDORK = 25.000

PARAMETRIC DATA

RUN NO. 159/ 3 RN-L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WICH	ALPMA	CWHEI	CWHEG	CLW	CN	CAF	CYN	CBL	CV	XCP/L	CAB
.200	-15.330	-.0220	-.02760	-.04230	-.36400	-.00257	-.00290	.00990	.00000	.60900	.04406
.200	-8.240	-.02460	-.02880	-.04230	-.26800	.01064	-.00210	.01090	-.00100	.59400	.04398
.200	-6.160	-.02550	-.03000	-.04330	-.17380	.02316	-.00260	.01080	.00000	.56000	.04360
.200	-4.090	-.02630	-.03210	-.04350	-.08320	.03185	-.00240	.01070	-.00100	.45900	.04289
.200	-2.010	-.02910	-.04000	-.04490	.01290	.03719	-.00240	.01150	.00100	1.93000	.04291
.200	.000	-.03280	-.04720	-.04670	.10890	.03953	-.00250	.01240	-.00200	.81000	.04250
.200	2.130	-.03510	-.05330	-.04780	.20490	.03687	-.00280	.01320	-.00200	.73800	.04180
.200	4.230	-.03750	-.05870	-.04890	.29900	.03049	-.00300	.01370	-.00200	.71200	.04090
.200	6.430	-.04840	-.07540	-.05970	.51610	.00787	-.00440	.01580	-.00200	.69400	.04754
.200	15.500	-.05430	-.08430	-.06190	.61870	-.00678	-.00460	.01700	-.00200	.68900	.04100
.200	12.600	-.06010	-.08740	-.06140	.72110	-.02315	-.00490	.01681	-.00200	.68300	.04211
.200	14.600	-.06720	-.09290	-.06060	.82520	-.03954	-.00540	.01520	.00000	.67900	.04316
.200	16.790	-.07900	-.09390	-.06330	.94200	-.05747	-.00600	.01400	.00300	.67500	.04726
.200	18.890	-.09450	-.09470	-.06630	1.06010	-.07611	-.00590	.01260	.00300	.67500	.05153
.200	21.000	-.12220	-.09630	-.07250	1.17820	-.07473	-.01360	.00260	.02000	.67400	.05499
.200	23.120	-.13510	-.10970	-.08180	1.30860	-.08328	-.01210	.00740	.01300	.67500	.05499
.200	25.230	-.15050	-.11860	-.08410	1.42280	-.09227	-.01150	.00500	.02100	.67400	.06016
.200	GRADIENT	-.00137	-.00320	-.00065	.04598	-.00016	-.00008	.00037	-.00014	-.00301	-.00023

041198 86C18F10M16N20M127E55V8 R5 X9

(RFS151) (18 NOV 74)

REFERENCE DATA

REF = 2690.0100 SQ.FT. YMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .5405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = -5.000 ELV-LI = 10.000
 ELV-RI = 10.000 ELV-RO = 15.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 151/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CNHEI	CNHEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.310	-.01500	.03210	-.03790	-.37440	-.00159	.00070	-.01460	-.00100	.61500	.04366
.200	-8.220	-.01670	.02590	-.03860	-.27870	.01082	.00080	-.01510	.00000	.60100	.04493
.200	-6.150	-.01720	.02670	-.03950	-.18510	.02254	.00070	-.01510	.00100	.57350	.04438
.200	-4.060	-.01800	.02350	-.04000	-.09150	.03214	.00220	-.01500	.00500	.49100	.04306
.200	-2.000	-.01860	.02140	-.04050	-.00030	.03742	.00000	-.01550	.00400	25.64200	.04251
.200	.090	-.01950	.02020	-.04210	.09590	.03918	-.00010	-.01690	.00600	.31400	.04197
.200	2.170	-.02050	.01850	-.04190	.18990	.03686	-.00070	-.01760	.00900	.73300	.04113
.200	4.240	-.02230	.01680	-.04120	.28300	.03024	-.00090	-.01770	.01000	.70500	.04063
.200	6.340	-.02440	.01380	-.04510	.38750	.01971	-.00120	-.01830	.01200	.69500	.04057
.200	8.430	-.03010	.00870	-.05100	.49540	.00736	-.00100	-.01940	.01300	.69000	.04007
.200	10.510	-.03620	.00260	-.05180	.59850	-.00761	-.00140	-.01890	.01600	.68400	.04003
.200	12.610	-.04510	-.00280	-.05160	.70230	-.02452	-.00150	-.01920	.01800	.67900	.04148
.200	14.710	-.05370	-.01130	-.05000	.80680	-.04104	-.00170	-.01870	.01900	.67500	.04320
.200	16.790	-.06860	-.01790	-.05430	.92550	-.05796	-.00210	-.01830	.02200	.67300	.04525
.200	18.900	-.08270	-.01930	-.06020	1.04940	-.07509	-.00210	-.02050	.02200	.67300	.04719
.200	21.030	-.10540	-.03080	-.06740	1.17010	-.07528	-.00930	-.02460	.03400	.67300	.05075
.200	23.120	-.11970	-.04790	-.07120	1.28480	-.08125	-.00990	-.01670	.02500	.67200	.05513
.200	25.220	-.11770	-.06380	-.07520	1.39690	-.09591	-.00300	-.01300	.02000	.67000	.05983
.200	GRADIENT	-.00031	-.00078	-.00018	.04522	-.00021	-.00014	-.00036	.00092	-1.18505	-.00030



DATE 01 MAR 73

TABULATED SOURCE DATA - 041198

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041198 868C12F10H16N20W127E55VA 25 X9

(RF9152) (18 NOV 74)

REFERENCE DATA

SREF = 2490.0100 90.FT. XREF = 1076.6800 INCHES
LREF = 474.8100 INCHES YREF = .0000 INCHES
BREF = 536.6900 INCHES ZREF = 379.0000 INCHES
SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELV-LO = 10.000 ELV-LI = 10.000
ELV-RI = 10.000 ELV-RO = -10.000
RUDDER = .000 SPCBRK = 25.000

RUN NO. 192/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CWMEI	CWMEQ	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.400	-.02120	-.01050	-.01970	-.41350	-.00544	-.00120	.01510	.00000	.63400	.04346
.200	-8.300	-.02410	-.01210	-.01990	-.31630	.00732	-.00110	.01520	.00000	.62900	.04306
.200	-6.220	-.02510	-.01350	-.02120	-.22270	.01937	-.00100	.01470	.00000	.61720	.04303
.200	-4.120	-.02480	-.01450	-.02180	-.12660	.02902	-.00070	.01400	.00000	.58800	.04224
.200	-2.040	-.02510	-.01650	-.02200	-.03560	.03389	-.00050	.01390	-.00100	.42500	.04227
.200	.000	-.02620	-.01940	-.02170	.03760	.03601	-.00030	.01420	-.00200	.79100	.04113
.200	2.110	-.02720	-.02220	-.02170	.15070	.03310	-.00020	.01430	-.00200	.70300	.04118
.200	4.150	-.02910	-.02550	-.02160	.24470	.02735	.00000	.01470	-.00300	.63400	.04308
.200	.250	-.03160	-.03130	-.02470	.34830	.01725	.00000	.01550	-.00400	.67800	.03947
.200	8.350	-.03760	-.03820	-.02880	.45280	.00426	-.00020	.01640	-.00300	.67500	.03935
.200	10.450	-.04390	-.04320	-.03050	.55700	-.01121	-.00050	.01680	-.00300	.67200	.04025
.200	12.550	-.05220	-.05000	-.03180	.66550	-.02742	-.00130	.01700	-.00300	.66900	.04150
.200	14.650	-.06050	-.05760	-.03220	.77220	-.04380	-.00170	.01660	-.00300	.66700	.04268
.200	16.710	-.07280	-.06560	-.03620	.88840	-.06123	-.00220	.01650	-.00200	.66700	.04477
.200	18.830	-.08810	-.06360	-.03910	1.00830	-.07990	-.00190	.01520	-.00100	.66600	.04699
.200	20.970	-.11430	-.07110	-.04580	1.12620	-.07887	-.01010	.00760	-.0400	.66700	.05079
.200	23.070	-.13100	-.08210	-.05770	1.26100	-.08387	-.00930	.00960	.01100	.66900	.05457
.200	25.160	-.12550	-.09170	-.06130	1.37810	-.09911	-.00880	.00810	.01700	.66800	.05936
.200	GRADIENT	-.00032	-.00134	.00003	.04489	-.00020	.00008	.00009	-.00034	.02263	-.00026

QAL108 862C18P10M16N20W127E35V8 RS X0

REFERENCE DATA

ORFP = 2490.0100 30.FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 379.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BCFLAP = .000
 ELV-LO = 10.000 ELV-LI = .000
 ELV-KI = .000 ELV-RO = -10.000
 RUDDER = .000 SPDGRK = 29.000

RUN NO. 153/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CMHET	CMHCO	CLM	CN	CAF	CVN	CBL	CY	XCP/L	CAB
.200	-12.449	.04330	-.00410	.03160	-.31910	-.01275	-.00110	.01700	-.00100	.67400	.04020
.200	-8.380	.03630	-.00640	.02950	-.42040	-.00020	-.00090	.01690	-.00200	.67800	.03997
.200	-6.260	.03450	-.00780	.02790	-.32310	.01341	-.00050	.01640	-.00200	.68400	.03932
.200	-4.210	.03380	-.00850	.02730	-.22190	.02287	-.00030	.01570	-.00200	.69500	.03867
.200	-2.110	.03320	-.00960	.02710	-.13830	.02866	.00000	.01530	-.00300	.72400	.03835
.200	-.020	.03250	-.01180	.02600	-.04300	.03055	.00020	.01540	-.00400	.88100	.03847
.200	2.035	.03150	-.01450	.02640	.05120	.02955	.00040	.01570	-.00500	.46200	.03722
.200	4.150	.03010	-.01790	.02630	.14620	.02771	.00030	.01600	-.00600	.58600	.03702
.200	6.210	.02790	-.02240	.02560	.24210	.01463	.00030	.01640	-.00600	.61300	.03601
.200	8.300	.02290	-.02670	.02420	.34140	.00162	.00040	.01690	-.00600	.62600	.03506
.200	10.380	.01780	-.03180	.02400	.44220	.00132	.00000	.01670	-.00500	.63200	.03472
.200	12.490	.01250	-.03970	.02440	.54680	.02936	-.00080	.01750	-.00300	.63500	.03392
.200	14.610	.00680	-.04790	.02540	.65370	-.04518	-.00130	.01730	-.00200	.63700	.03362
.200	16.670	-.00540	-.05670	.02080	.77200	-.06294	-.00150	.01770	-.00300	.64200	.04261
.200	18.770	-.01700	-.05320	.02040	.88290	-.08130	-.00140	.01660	-.00300	.64300	.04477
.200	20.890	-.03010	-.06200	.01480	1.00620	-.09620	-.00190	.01430	-.00300	.64600	.04679
.200	22.980	-.05180	-.07490	.00580	1.12700	-.09378	-.00090	.00870	.01200	.65000	.05024
.200	25.100	-.04980	-.08710	.00300	1.24280	-.10481	-.00050	.00920	.01600	.65100	.05496
GRADIENT		-.00045	-.00114	-.00013	.04555	.00013	.00010	.00005	-.00048	-.02297	-.00021

041198 862C18P10M16N28U127E53V0 55 X9

(RF9154) (18 NOV 74)

REFERENCE DATA

SREF = 2090.0100 SQ-FT. XREF = 1076.6800 INCHES
 LREF = 474.8100 INCHES YREF = .0000 INCHES
 ZREF = 936.6100 INCHES ZREF = 375.0000 INCHES
 SCALE = .0495 SCALE

PARAMETRIC DATA

BETA = .000 BDPLAF = .000
 ELV-LO = -30.000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = -10.000
 RUDDER = .000 SFDRK = 25.000

RUN NO. 154/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CMHET	CMHCO	CLM	CN	CAP	CYN	CBL	CY	XCB/L	CAB
.205	-10.500	.56000	.12200	.08040	-.62590	-.00199	-.00720	-.00930	.00400	.69900	.03876
.200	-8.420	.05430	.11310	.07570	-.51900	.00979	-.00610	-.00810	.00300	.70600	.03842
.200	-6.340	.04960	.10440	.07090	-.41760	.02246	-.00540	-.00720	.00300	.71400	.03837
.200	-4.250	.04870	.09690	.06780	-.31960	.03144	-.00480	-.00630	.00200	.73000	.03780
.200	-2.150	.04710	.08570	.06420	-.21660	.03732	-.00420	-.00530	.00200	.76100	.03757
.200	-.080	.04640	.08100	.06370	-.12340	.03947	-.00410	-.00540	.00200	.84200	.03694
.200	1.980	.04600	.07690	.06350	-.02800	.03766	-.00390	-.00560	.00300	1.48400	.03728
.200	4.000	.04500	.07500	.06420	.06430	.03275	-.00410	-.00600	.00300	.28400	.03620
.200	6.130	.04290	.07410	.06550	.15690	.02315	-.00430	-.00650	.00300	.49800	.03615
.200	8.220	.03760	.07220	.06450	.25530	.01070	-.00480	-.00690	.00500	.55900	.03569
.200	10.290	.03050	.06820	.06390	.35650	-.00385	-.00520	-.00720	.00800	.58600	.03500
.200	12.410	.02170	.07000	.06470	.45970	-.02034	-.00570	-.00710	.01000	.60500	.03469
.200	14.510	.01800	.05840	.06500	.56620	-.03694	-.00590	-.00820	.01100	.61500	.04010
.200	16.590	.00930	.05460	.06540	.67680	-.05301	-.00650	-.00850	.01400	.61600	.04226
.200	18.700	-.00230	.05510	.06710	.78580	-.06929	-.00760	-.01160	.01500	.62000	.04521
.200	20.820	-.02410	.02830	.05400	.91440	-.07307	-.01270	-.01320	.02300	.63500	.04649
.200	22.910	-.03710	.01660	.04540	1.04280	-.08662	-.01230	-.01320	.02600	.63600	.05115
.200	25.000	-.03520	.00150	.03800	1.17640	-.10123	-.00930	-.01130	.02400	.64000	.05541
GRADIENT		-.00041	-.00254	-.00035	.04609	.00013	.00008	.00001	.00014	-.00822	-.00017

0A1198 B02C1EF10M16N20W127E55V8 R5 X9

(R09155) (10 NOV 74)

REFERENCE DATA

SREF = 2090.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.4800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = 20.000 ELV-L1 = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPOBRK = 25.000

RUN NO. 155/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMET	CHNEO	CLM	CN	CAF	CYN	CBL	CV	XCF/L	CAB
.200	-10.380	.0420	-.0250	.0060	-.4860	-.00916	-.00280	.01150	.00000	.65700	.04579
.200	-8.280	.03780	-.02620	.00400	-.36770	.00397	-.00240	.01200	-.00100	.65600	.04048
.200	-6.200	.03440	-.02700	.00260	-.27120	.01700	-.00200	.01180	.00000	.65500	.04023
.200	-4.130	.03360	-.02760	.00260	-.17880	.02631	-.00180	.01150	-.00100	.65700	.03929
.200	-2.540	.03300	-.03160	.00210	-.08540	.03214	-.00170	.01170	-.00100	.66100	.03920
.200	.000	.03120	-.04270	-.00040	.01090	.03469	-.00210	.01270	-.00100	.66700	.03883
.200	2.110	.02960	-.04920	-.00180	.10930	.03312	-.00230	.01340	-.00200	.65800	.03652
.200	4.160	.02790	-.05530	-.00290	.20360	.02780	-.00260	.01390	-.00100	.65700	.03741
.200	6.260	.02280	-.05830	-.00480	.30310	.01786	-.00310	.01420	-.00100	.65800	.03734
.200	8.370	.01690	-.06610	-.00770	.40520	.00549	-.00380	.01510	-.00100	.65900	.03690
.200	10.450	.01270	-.07430	-.00750	.50640	-.00873	-.00440	.01660	.00000	.65700	.03739
.200	12.520	.00910	-.07900	-.00510	.60450	-.02472	-.00480	.01710	.00000	.65500	.03638
.200	14.640	.00360	-.08420	-.00340	.71010	-.04122	-.00490	.01660	.00000	.65400	.04025
.200	16.740	-.00860	-.08810	-.00760	.82620	-.05893	-.00500	.01550	.00000	.65500	.04270
.200	18.850	-.02590	-.08720	-.01070	.94680	-.07743	-.00440	.01320	.00100	.65600	.04462
.200	20.950	-.03750	-.09270	-.01360	1.05710	-.07976	-.01150	.00580	.01500	.65700	.04762
.200	23.060	-.05290	-.10980	-.01950	1.17770	-.08812	-.01320	.00370	.01700	.65800	.05113
.200	25.170	-.04930	-.12170	-.01960	1.28730	-.09640	-.01170	.00630	.02100	.65700	.05478
GRADIENT		-.00073	-.00352	-.00072	.04629	.00019	-.00011	.00031	-.00014	-.00015	-.00022

0A1198 B02C18F10H16N20W127E55V0 R5 X0

(RFS156) (10 NOV 74)

REFERENCE DATA

SRFP = 7600.0100 99-FT. AMRP = 1076.6800 INCHES
 LREF = 474.0100 INCHES YMRP = .0000 INCHES
 BRFP = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAT = .000
 ELV-LO = 5.000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = -5.000
 RUDDER = .000 SPDPRK = 25.000

RUN NO. 156/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CMHET	CMHCO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.440	.04550	.01340	.02040	-.51410	-.01460	-.00110	.00880	.00000	.67500	.04022
.200	-8.350	.03870	.01010	.02700	-.41330	-.00141	-.00050	.00930	.00000	.67600	.04005
.200	-6.270	.03560	.00720	.02520	-.31940	.01106	-.00030	.00900	.00000	.68100	.03962
.200	-4.180	.03500	.00470	.02450	-.24400	.02146	-.00020	.00870	.00000	.69200	.03868
.200	-1.980	.03430	.00300	.02440	-.12440	.02752	-.00010	.00840	.00000	.72400	.03838
.200	.010	.03350	.00130	.02430	-.03510	.02924	.00000	.00830	-.00100	.90600	.03815
.200	2.030	.03260	-.00030	.02420	.05650	.02715	.00010	.00820	-.00100	.49400	.03791
.200	4.120	.03160	-.00260	.02440	.15070	.02135	.00020	.00830	.00000	.55200	.03702
.200	6.180	.02970	-.00630	.02390	.24600	.01239	.00000	.00820	-.00100	.61600	.03627
.200	8.290	.02500	-.01060	.02310	.34560	-.00063	.00000	.00820	.00000	.62700	.03557
.200	10.370	.02100	-.01380	.02470	.44430	-.01567	-.00050	.00770	.00000	.63200	.03672
.200	12.470	.01560	-.01990	.02640	.54510	-.04796	-.00110	.00810	.00000	.63400	.03779
.200	14.560	.00960	-.03320	.02630	.65180	-.06539	-.00210	.00860	.00000	.63700	.04713
.200	16.670	-.00240	-.03920	.02120	.77500	-.06539	-.00240	.00740	.00000	.64200	.04826
.200	18.790	-.01430	-.03690	.01910	.88920	-.08397	-.00240	.00550	.00400	.64400	.04483
.200	20.890	-.02680	-.04540	.01400	1.00990	-.09869	-.00240	.00550	.00300	.64700	.04624
.200	23.000	-.04880	-.05960	.00510	1.13220	-.09654	-.00930	.00140	.01700	.65000	.05020
.200	25.080	-.04830	-.07000	.00420	1.24240	-.10659	-.00800	.00230	.02100	.65100	.05481
.200	GRADIENT	.00041	-.00086	-.00302	.04516	-.00002	.00002	-.00005	-.00024	-.02070	-.00010

QAL198 062C18F10M16N20J127E55V8 R5 X9

(RF9157) (18 NOV 74)

REFERENCE DATA

SPEF = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 379.0000 INCHES
 SCALE = .3409 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = .000
 ELV-LO = -20.000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = -20.000
 RUDDER = .000 SFD8RK = 25.000

RUN NO. 197/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.310	.06100	.09260	.08830	-.64020	-.00409	-.00160	.00270	.00100	.70300	.03853
.200	-8.430	.05390	.08990	.08240	-.52950	.00909	-.00080	.00330	.00000	.70900	.03021
.200	-6.310	.04810	.08240	.07560	-.42350	.02121	-.00020	.00470	.00000	.71800	.03811
.200	-4.220	.04730	.07250	.07260	-.32600	.03130	.00000	.00520	.00000	.73400	.03726
.200	-2.170	.04660	.06600	.07000	-.22660	.03739	.00000	.00480	.00000	.76600	.03706
.200	-.070	.04600	.06220	.07000	-.13250	.03977	.00010	.00500	.00000	.84600	.03662
.200	1.980	.04510	.06010	.07110	-.04160	.03812	.00010	.00480	.00000	1.28000	.03652
.200	4.070	.04420	.05870	.07210	.05180	.03238	.00010	.00440	.00000	.14000	.03633
.200	6.130	.04250	.05660	.07340	.14360	.02353	.00000	.00400	.00000	.46400	.03588
.200	8.230	.03920	.05580	.07340	.24040	.01132	.00000	.00390	.00000	.53900	.03542
.200	10.350	.03370	.05190	.07520	.33900	-.00375	-.00020	.00320	.00100	.57000	.03644
.200	12.430	.02600	.04380	.07540	.44110	-.01946	-.00050	.00270	.00200	.58900	.03738
.200	14.490	.02160	.02940	.07600	.54500	-.03599	-.00090	.00180	.00400	.60000	.03946
.200	16.580	.01200	.02500	.07550	.65610	-.05288	-.00140	.00130	.00600	.60900	.04228
.200	18.690	-.00110	.02460	.07380	.77140	-.06996	-.00170	.00140	.00600	.61700	.04479
.200	20.810	-.02380	.00430	.06260	.89870	-.07395	-.00680	-.00060	.01300	.62600	.04799
.200	22.930	-.03820	-.00580	.05270	1.03030	-.08794	-.00740	-.00120	.01600	.63300	.05086
.200	25.060	-.05340	-.01730	.04300	1.16500	-.10169	-.00670	-.00190	.02000	.63800	.05473
.200	GRADIENT	-.06037	-.00168	.00001	.04537	.00014	.00001	-.00008	.00000	-.03272	-.00012

DATE 01 MAR 75

TABULATED SOURCE DATA - Q41198

PAGE 139

Q41198 862C12P10M16Z04W187E55V8 R3 X9

(NF9188) (10 NOV 74)

REFERENCE DATA

SREF = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 935.6900 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELV-LO = -35.000 ELV-LI = .000
ELV-RI = .000 ELV-RO = -35.000
RUDDER = .000 SPOBRK = 25.000

RUN NO. 156/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CMHET	CMHCO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.540	.06060	.13070	.10390	-.68160	.01609	-.00010	.00190	.00000	.70800	.03847
.200	-8.450	.05460	.11620	.09310	-.56120	.02434	.00040	.00060	-.00200	.71300	.03861
.200	-6.370	.04980	.10730	.08810	-.45870	.03813	.00060	.00110	-.00200	.72300	.03814
.200	-4.290	.04900	.09980	.08500	-.35910	.04539	.00080	.00200	-.00200	.73900	.03728
.200	-2.200	.04770	.09060	.08180	-.25950	.05356	.00080	.00280	-.00100	.76800	.03687
.200	-.110	.04680	.08590	.08060	-.16180	.05230	.00080	.00250	-.00100	.83500	.03691
.200	1.930	.04650	.08330	.08220	-.07030	.05134	.00110	.00330	.00000	1.08200	.03690
.200	4.020	.04590	.08070	.08260	.02190	.04611	.00090	.00280	.00000	-.72900	.03585
.200	6.120	.04370	.07930	.08320	.11720	.03705	.00070	.00240	.00000	.39000	.03545
.200	8.200	.03870	.07820	.08300	.21330	.02443	.00050	.00210	.00100	.50500	.03589
.200	10.290	.03150	.07230	.08220	.31500	.00965	.00050	.00230	.00200	.55600	.03662
.200	12.370	.02120	.07010	.07930	.42580	-.00696	.00030	.00210	.00300	.58300	.03792
.200	14.510	.01610	.05860	.07640	.53500	-.02453	.00030	.00210	.00300	.60500	.04040
.200	16.610	.00780	.05860	.07910	.64530	-.04109	-.00030	.00130	.00500	.60700	.04263
.200	18.690	-.00420	.06280	.08230	.74920	-.05591	-.00130	.00040	.00500	.61100	.04564
.200	20.770	-.02380	.04900	.07680	.85840	-.05593	-.00590	-.00170	.01200	.61900	.04833
.200	22.860	-.03680	.02700	.07320	.97670	-.06555	-.00430	.00180	.01200	.62400	.05139
.200	25.040	-.03580	.01160	.06150	1.11890	-.08442	-.00400	.00180	.01600	.63200	.05542
.200	GRADIENT	-.00036	-.00219	-.00021	.04580	.00011	.00002	.00010	.00024	-.12594	-.00014

Q01198 862C12F10M16N20W127E55V8 RS X9

(RF0199) (18 NOV 74)

REFERENCE DATA

REF = 2090.0100 80.FT. XMRP = 1876.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 938.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = -35.000 ELV-LI = -35.000
 ELV-RI = -35.000 ELV-RO = -35.000
 RUDDER = .000 SPDBT = 25.000

RUN NO. 159/ 0 RH/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHMEO	CLN	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.250	-10.740	.25300	.14420	.20890	-.93660	.09810	.00100	.00310	-.00300	.73400	.03390
.270	-8.630	.24140	.13700	.19980	-.81450	.06666	.00130	.00360	-.00100	.74800	.03381
.290	-6.530	.22920	.12660	.18990	-.70000	.07615	.00160	.00300	-.00100	.75200	.03370
.300	-4.450	.22800	.11740	.18350	-.59610	.06551	.00140	.00320	-.00200	.76500	.03395
.320	-2.350	.22820	.10650	.17740	-.49230	.09158	.00180	.00430	-.00200	.78400	.03402
.340	-.290	.22820	.10220	.17520	-.39350	.09507	.00180	.00380	-.00300	.81600	.03471
.360	1.770	.22930	.09890	.17310	-.29760	.09431	.00140	.00390	-.03000	.86600	.03325
.380	3.690	.22800	.09380	.16820	-.19000	.08875	.00070	.00160	-.00100	.97800	.03580
.400	5.540	.21800	.08830	.16800	-.09990	.08102	.00100	.00180	-.00200	1.27600	.03550
.420	8.030	.21400	.08130	.16930	-.00330	.07112	.00090	.00310	.00000	19.09800	.03634
.440	10.100	.21440	.07590	.17440	.08290	.05982	.00130	.00400	.00000	-.12100	.03758
.460	12.200	.22160	.06960	.17990	.17370	.04629	.00150	.00400	.00000	.27500	.03869
.480	14.280	.22730	.06480	.18350	.27470	.03239	.00130	.00400	.00000	.40600	.03991
.500	16.370	.23130	.05940	.18650	.37860	.01809	.00190	.00520	.00000	.47000	.04109
.520	18.460	.23010	.06550	.19050	.48020	.00502	.00120	.00510	.00000	.50600	.04378
.540	20.570	.23280	.06120	.19590	.57730	-.00439	-.00090	.00280	.00500	.52700	.04657
.560	22.680	.23110	.05030	.20260	.66970	-.00857	.00030	.00320	.00400	.54000	.04768
.580	24.740	.23190	.04530	.21070	.75790	-.01477	.00160	.00360	.00200	.55000	.05096
.600		.23077	-.00257	-.00147	.04797	-.00044	-.00006	-.00022	.00004	.04381	.05019

GRADIENT

DATE 01 MAR 75

TABULATED SOURCE DATA - OA1198

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OA1198 862C12F.0M16N20W127E60V8 R5 X9

(INF3160) (10 NOV 74)

REFERENCE DATA

SHRP = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LMRP = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.8800 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BCFLAP = .000
 ELV-LO = -35.000 ELV-LI = -35.000
 ELV-RI = -35.000 ELV-RO = -35.000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 160/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CV	XCF/L	CAB
.200	-10.740	.26570	.15440	.20910	-.93340	.05931	.00140	.00320	-.00300	.73400	.03271
.250	-8.630	.25480	.14410	.19990	-.81420	.05686	.00160	.00300	-.00200	.74200	.03294
.200	-6.550	.24720	.13270	.19040	-.70080	.07660	.00210	.00220	-.00400	.75200	.03362
.200	-4.480	.24790	.12150	.18460	-.59640	.08750	.00240	.00320	-.00400	.76600	.03293
.250	-2.370	.24700	.11010	.17920	-.49340	.09300	.00230	.00420	-.00300	.78500	.03383
.250	-.300	.24990	.10370	.17770	-.39730	.09775	.00220	.00350	-.00400	.81600	.03405
.200	1.920	.25050	.10170	.17540	-.29390	.09694	.00170	.00300	-.00300	.87200	.03502
.250	4.010	.23990	.09580	.17180	-.19340	.09204	.00140	.00350	-.00100	.97300	.03518
.200	6.020	.24130	.08840	.17060	-.09770	.08378	.00080	.00260	.00000	1.29400	.03610
.200	8.030	.23890	.08280	.17230	-.00820	.07386	.00090	.00290	.00000	8.31700	.03658
.200	10.120	.24290	.07880	.17610	.08460	.06132	.00110	.00270	.00000	-.11300	.03816
.200	12.240	.24630	.07340	.17920	.18000	.04742	.00110	.00300	.00100	.28600	.03919
.200	14.300	.25040	.06720	.18230	.28030	.03327	.00080	.00280	.00100	.41200	.04085
.200	16.450	.24580	.06140	.18360	.39010	.01720	.00120	.00310	.00000	.47900	.04227
.200	18.450	.24890	.05670	.19190	.47980	.00661	.00090	.00360	.00000	.50500	.04418
.200	20.580	.25020	.05380	.19740	.57550	-.00219	-.00130	.00160	.00400	.52600	.04610
.200	22.690	.25340	.05470	.20570	.66700	-.00695	.00000	.00220	.00500	.53800	.04819
.200	24.850	.25560	.04810	.21350	.75730	-.01367	.00130	.00330	.00200	.54800	.05106
.200	GRADIENT	-.00048	-.00201	-.00137	.04736	.00061	-.00012	-.00003	.00020	.02420	.00027

 ORIGINAL PAGE IS
 OF POOR QUALITY

Q01108 062C12F10M16M20M127E53V8 R3 X9

(179161) (18 NOV 74)

REFERENCE DATA

SREF = 2890.0100 50.FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 938.6800 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = -35.000 ELV-LI = -10.000
 ELV-RI = -10.000 ELV-RO = -35.000
 RUDDER = .000 SPOBRK = 25.000

RUN NO. 161/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.650	.12270	.13840	.16320	-.81700	.02164	.00020	.00300	-.00100	.72500	.03360
.200	-8.520	.11230	.12520	.14790	-.68470	.02897	.00040	.00190	-.00200	.73100	.03433
.200	-6.430	.10840	.11530	.13490	-.56420	.04058	.00070	.00200	-.00200	.74000	.03500
.200	-4.280	.09810	.10330	.12970	-.46000	.04958	.00110	.00300	-.00300	.75600	.03455
.200	-2.270	.09490	.09430	.12820	-.36590	.05565	.00130	.00380	-.00300	.78100	.03437
.200	-.140	.09320	.09020	.12700	-.26870	.05832	.00130	.00370	-.00300	.82700	.03430
.200	1.910	.09250	.08600	.12570	-.16810	.05661	.00120	.00350	-.00300	.92700	.03482
.200	3.980	.09330	.08120	.12350	-.06910	.05131	.00080	.00190	-.00200	1.30900	.03364
.200	6.160	.09110	.07820	.12480	.02590	.04246	.00070	.00200	-.00000	-1.11700	.03333
.200	8.130	.08950	.07560	.12500	.11630	.03144	.00060	.00200	.00000	.25600	.03302
.200	10.210	.08600	.07170	.12520	.21700	.01701	.00040	.00210	.00100	.43900	.03405
.200	12.390	.08070	.07200	.12590	.32320	.00031	.00030	.00170	.00200	.50800	.03595
.200	14.420	.07900	.05810	.12520	.42970	-.01667	.00010	.00130	.00200	.54500	.03759
.200	16.550	.07390	.05310	.12620	.54040	-.03447	-.00050	.00130	.00400	.56600	.04009
.200	18.640	.06740	.06190	.12970	.64340	-.04812	-.00170	-.00020	.00600	.57800	.04233
.200	20.710	.05080	.04360	.12910	.74650	-.05081	-.00080	-.00120	.01200	.58800	.04599
.200	22.800	.03620	.03730	.12810	.85640	-.05359	-.00390	.00080	.01100	.59700	.04891
.200	24.910	.03460	.02590	.12270	.96400	-.07488	-.00350	.00210	.01400	.60600	.05238
	GRADIENT	-.00077	-.00236	-.00072	.04732	.00021	-.00003	-.00019	.00010	.06049	-.00007

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041198 862C12F10M16N20M127E55V0 R5 X0

(RFS162) (10 NOV 74)

REFERENCE DATA

SRP = 2890.0100 59.07. XMRP = 1076.8800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BRP = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

BETA = .000 BCFLAP = .000
 ELV-LO = -30.000 ELV-LI = -10.000
 ELV-RI = -10.000 ELV-RO = -30.000
 RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 162/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CMHEI	CMHEG	CLM	CN	CAF	FVN	CBL	CY	XCP/L	CAB
.200	-10.640	.12300	.13090	.16170	-.01060	.01576	-.00030	.00450	.00000	.72500	.05394
.200	-8.480	.11340	.12070	.14800	-.07940	.02549	.00010	.00310	-.00100	.73200	.05477
.200	-6.420	.10890	.11070	.13430	-.05840	.03791	.00050	.00310	-.00100	.74000	.05484
.200	-4.230	.09840	.09690	.12860	-.45260	.04668	.00090	.00460	-.00200	.75600	.05493
.200	-2.220	.09310	.09060	.12680	-.35940	.05242	.00110	.00440	-.00300	.78200	.05416
.200	-.130	.09340	.08600	.12510	-.26040	.05520	.00090	.00490	-.00300	.82900	.05396
.200	2.540	.09200	.09150	.12440	-.16090	.05384	.00060	.00370	-.00100	.93600	.05371
.200	4.070	.09040	.07620	.12230	-.06210	.04876	.00050	.00320	.00000	1.37600	.05301
.200	6.570	.09040	.07380	.12300	.02940	.03995	.00050	.00280	.00000	-.68500	.05302
.200	8.200	.08940	.07150	.12310	.12690	.02732	.00020	.00220	.00000	.29500	.05363
.200	10.220	.08590	.06840	.12680	.21480	.01515	.00070	.00360	.00000	.43500	.05377
.200	12.310	.08170	.06800	.12800	.31660	-.00068	.00040	.00310	.00100	.50300	.05545
.200	14.450	.08020	.05510	.12750	.42780	-.01842	.00000	.00240	.00200	.54200	.05755
.200	16.500	.07670	.05340	.13050	.52900	-.03437	-.00060	.00180	.00400	.56100	.04012
.200	18.590	.06800	.05690	.13470	.63120	-.04788	-.00150	.00160	.00500	.57300	.04216
.200	20.730	.05560	.03810	.13220	.74230	-.05289	-.00530	.00050	.01100	.58600	.04613
.200	22.630	.03550	.02860	.12600	.86420	-.06428	-.00470	.00020	.01200	.59800	.04855
.200	24.970	.03400	.01520	.11950	.99280	-.07996	-.00420	.00090	.01600	.60700	.05209
GRADIENT		-.00091	-.00241	-.00072	.04686	.00026	-.00006	-.00017	.00029	.06665	-.00017

DATE 01 MAR 79

TABULATED SOURCE DATA - CA1198

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CA1198 808C12F10M10N20M127E3SV8 R5 X9

(RFS163) (18 NOV 74)

REFERENCE DATA

BREF = 2000.0100 30. FT. XREF = 1076.0000 INCHES
 LBREF = 474.8100 INCHES YREF = .0000 INCHES
 SBREF = 936.6000 INCHES ZREF = 379.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = -30.000 ELV-LI = -30.000
 ELV-RI = -30.000 ELV-RO = -30.000
 RUDDER = .000 SFCBRK = 25.000

RUN NO. 163/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHWEI	CHWEO	CLM	CN	CAF	CYN	CBL	CV	XCF/L	CAB
.200	-15.740	.23790	.13740	.20380	-.91670	.04561	.00040	.00380	.00000	.79300	.03302
.200	-8.650	.22900	.13020	.19280	-.78750	.03395	.00030	.00370	.00000	.74100	.03375
.200	-6.330	.21330	.12110	.18180	-.67530	.06490	.00130	.00340	-.00100	.75100	.03360
.200	-4.300	.21010	.10590	.17330	-.56100	.07470	.00210	.00500	-.00300	.76500	.03376
.200	-2.320	.21400	.10210	.17040	-.46740	.08152	.00190	.00380	-.00400	.78600	.03393
.200	-1.40	.21650	.09800	.16900	-.36830	.08578	.00180	.00340	-.00170	.82100	.03475
.200	1.650	.21410	.09800	.16730	-.27270	.08492	.00160	.00330	-.00100	.87800	.03500
.200	3.920	.21060	.08740	.16550	-.17460	.06026	.00160	.00340	-.00200	1.00100	.03568
.200	6.000	.20680	.08330	.16600	-.08070	.07275	.00110	.00340	.00000	1.40900	.03560
.200	8.070	.20690	.07840	.16230	.01930	.06644	.00110	.00100	-.00300	-2.42900	.03489
.200	10.180	.20370	.07100	.16300	.11650	.04694	.00100	.00180	-.00100	.13000	.03628
.200	12.270	.21140	.06480	.17050	.20750	.03351	.00110	.00220	.00000	.34900	.03751
.200	14.350	.21300	.06040	.17530	.30330	.01959	.00130	.00270	.00000	.43900	.03900
.200	16.420	.21330	.05800	.18210	.39750	.00685	.00230	.00540	-.00300	.48300	.04060
.200	18.510	.21450	.06450	.18830	.49420	-.00516	.00110	.00530	.00000	.51200	.04237
.200	20.590	.21720	.06620	.19510	.59590	-.01341	-.00130	.00280	.00400	.52900	.04317
.200	22.730	.21580	.04720	.20590	.67090	-.01755	.00020	.00270	.00300	.53900	.04858
.200	24.770	.20350	.03940	.20980	.76640	-.02670	.00070	.00270	.00700	.53100	.04981
.200	GRADIENT	-.00040	-.00229	-.00073	.04674	-.00020	-.00008	-.00013	.00029	.03434	.00020

Q41198 862C12F10H16N28U127E55V8 R5 X9

(RF9164) (18 NOV 74)

REFERENCE DATA

BREF = 2690.0100 SQ.FT. XMRP = 1076.4800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 ZREF = 936.8800 INCHES ZMRP = 379.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = -30.000 ELV-LI = -20.000
 ELV-RI = -20.000 ELV-RO = -10.000
 RUDDER = .000 SP:SRK = 25.000

RUN NO. 184/ 5 RN/L = 1.42 GRACIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CSL	CV	KCP/L	CAB
.200	-12.670	.2080	.1326	.1760	-.8497	.01673	-.00660	-.00530	.00100	.78900	.03134
.200	-8.260	.1996	.1230	.1626	-.7141	.02707	-.00570	-.00460	.00200	.73600	.03864
.200	-6.430	.1840	.1119	.1497	-.5941	.03028	-.00420	-.00370	.00000	.74500	.03328
.200	-4.320	.1631	.1018	.1470	-.4982	.04950	-.00360	-.00340	.00000	.78100	.03342
.200	-2.230	.1835	.0969	.1450	-.4000	.05780	-.00320	-.00330	.00000	.78600	.03344
.200	-.160	.1790	.0917	.1440	-.3041	.06137	-.00290	-.00290	.00000	.82700	.03323
.200	1.970	.1790	.0870	.1430	-.2079	.06044	-.00260	-.00280	-.00100	.90700	.03372
.200	3.970	.1750	.0826	.1430	-.1150	.06006	-.00260	-.00280	.00000	1.10900	.03331
.200	6.050	.1730	.0791	.1430	-.0216	.04770	-.00290	-.00290	.00100	3.09200	.03335
.200	8.230	.1710	.0764	.1430	.0742	.03636	-.00300	-.00290	.00200	-.06600	.03285
.200	10.210	.1690	.0743	.1430	.1620	.0330	-.00290	-.00220	.00300	.31500	.03405
.200	12.260	.1680	.0690	.1530	.2530	.00833	-.00260	-.00140	.00300	.42800	.03543
.200	14.340	.1650	.0568	.1570	.3501	-.00601	-.00260	-.00110	.00400	.48600	.03629
.200	16.470	.1610	.0556	.1590	.4570	-.02255	-.00300	-.00220	.00200	.52400	.03930
.200	18.540	.1580	.0618	.1600	.5620	-.03690	-.00440	-.00460	.00800	.54600	.04122
.200	20.630	.1500	.0498	.1590	.6690	-.04515	-.00820	-.00850	.01400	.56400	.04395
.200	22.740	.1170	.0422	.1570	.7816	-.05593	-.00820	-.01140	.01600	.57800	.04635
.200	24.850	.1120	.0334	.1560	.8560	-.06376	-.00730	-.01200	.01800	.58700	.04793
.200	GRACIENT	-.00109	-.00232	-.00049	.04612	.00073	.00011	.00008	-.00005	.00920	.00000

Q41198 862C12F10M18M26M127E55V8 RS X9

(RF9185) (18 NOV 74)

REFERENCE DATA

REF = 2890.0100 90-FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 938.6800 INCHES ZMRP = 373.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELV-LO = -10.000 ELV-LI = -20.000
ELV-RI = -20.000 ELV-RO = -10.000
RUDDER = .000 SFCBRK = 25.000

RUN NO. 165/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEQ	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.250	-10.640	.19250	.07330	.13650	-.79890	.00402	-.00100	.00520	.00000	.72400	.03206
.250	-8.530	.18280	.06310	.14500	-.37340	.01595	-.00020	.00460	-.00100	.73100	.03306
.250	-6.445	.17410	.05850	.13710	-.56480	.03007	.00040	.00320	-.00200	.74100	.03308
.250	-4.310	.17380	.05340	.13570	-.46860	.04140	.00040	.00290	-.00300	.75800	.03379
.250	-2.270	.17320	.04900	.13490	-.37760	.04915	.00040	.00280	-.00270	.78300	.03347
.250	-.090	.17240	.04510	.13440	-.27740	.05292	.00050	.00270	-.00200	.83000	.03355
.250	1.910	.17110	.04220	.13430	-.18720	.05189	.00060	.00260	-.00200	.91600	.03391
.250	3.950	.16790	.03970	.13340	-.09240	.04760	.00060	.00250	-.00200	1.18300	.03366
.250	6.130	.16490	.03770	.13260	.00290	.03943	.00030	.00260	-.00100	-16.29200	.03263
.250	8.120	.16350	.03600	.13640	.09270	.02909	.00050	.00270	.00000	.11100	.03249
.250	10.270	.16260	.03270	.14100	.18450	.01522	.00050	.00270	-.00100	.37100	.03375
.250	12.280	.16190	.02940	.14700	.27100	.00182	.00020	.00280	.00000	.43200	.03505
.250	14.410	.15950	.02320	.15200	.36910	-.01330	-.00010	.00270	.00100	.50000	.03694
.250	16.430	.15290	.01980	.15110	.47670	-.02919	-.00090	.00270	.00200	.55900	.03942
.250	18.960	.14190	.02220	.14940	.59010	-.04357	-.00000	.00200	.00300	.55900	.04167
.250	20.660	.12690	.01340	.14740	.70310	-.05718	-.00410	-.00030	.00800	.57500	.04420
.250	22.770	.11660	.00310	.14530	.81640	-.06728	-.00450	-.00230	.01000	.58600	.04564
.250	24.910	.09570	-.00580	.14380	.92670	-.07686	-.00410	-.00370	.01600	.59500	.04843
GRADIENT		-.00067	-.00165	-.00025	.04555	.00074	.00005	-.00005	.00010	.04731	.00001



GA1198 868C12F10M16N20U127E55V8 R5 X9

(IRF9166) (10 NOV 74)

REFERENCE DATA

SHEP = 2000.0100 SQ.FT. SHEP = 1076.6800 INCHES
 LCF = 474.8100 INCHES YHFP = .0700 INCHES
 SHEP = 936.6800 INCHES ZHFP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BCFLAP = .000
 ELV-LO = -20.000 ELV-LI = -20.000
 ELV-RI = -20.000 ELV-RO = -20.000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 166/ 0 EN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMET	CHWEO	CLW	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.870	.20720	.10480	.16140	-.05400	.01424	-.00100	.00630	.00100	.73000	.03149
.200	-8.360	.19340	.09770	.16060	-.71940	.02645	-.00010	.00740	.00000	.73700	.03258
.200	-6.420	.18210	.09230	.15670	-.67510	.03946	.00000	.00630	.00000	.74700	.03342
.200	-4.390	.16010	.08640	.15480	-.51220	.05038	.00000	.00640	-.00100	.76300	.03346
.200	-2.230	.17910	.07930	.15230	-.41310	.05822	.00000	.00620	-.00200	.78000	.03325
.200	-.210	.17760	.07440	.15080	-.31710	.06252	.00100	.00560	-.00200	.62700	.03312
.200	1.910	.17630	.07150	.15140	-.22340	.06162	.00100	.00580	-.00300	.90100	.03313
.200	3.940	.17300	.06790	.15100	-.12800	.05719	.00100	.00550	-.00200	1.28600	.03358
.200	6.000	.17080	.06420	.15130	-.03660	.04950	.00120	.00500	-.00300	2.17000	.03263
.200	8.080	.16910	.06160	.15260	.05700	.03821	.00090	.00570	-.00100	-.33100	.03331
.200	10.180	.16790	.05690	.15670	.14740	.02485	.00110	.00610	-.00100	.26100	.03359
.200	12.310	.16695	.05540	.16330	.23660	.01056	.00100	.00630	.00000	.40000	.03467
.200	14.230	.16530	.04120	.16920	.32610	-.00377	.00100	.00590	-.00100	.46200	.03660
.200	16.500	.16300	.03660	.17190	.43490	-.02028	.00070	.00530	.00000	.50600	.03900
.200	18.540	.14990	.03900	.17200	.54030	-.03597	.00010	.00520	.00000	.52400	.04148
.200	20.610	.13460	.02840	.17.90	.64930	-.04574	-.00380	.00180	.00700	.55300	.04451
.200	22.770	.11210	.02150	.16730	.76560	-.05693	-.00370	-.00060	.00900	.57100	.04638
.200	24.870	.10210	.01830	.16360	.88140	-.06805	-.00350	-.00160	.01500	.58.0	.04823
.200	GRADIENT	-.00009	-.00204	-.00029	.04587	-.00011	.00006	-.00009	-.00015	.11002	-.00004

041198 862C12F10M18N20U127E59V8 R5 X9

(REF91' (18 NOV 74)

REFERENCE DATA

SRFP = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LRFP = 474.8100 INCHES YMRP = .0000 INCHES
 BRFP = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = .000
 ELV-LO = -20.000 ELV-LI = -20.000
 ELV-RI = -20.000 ELV-RO = -20.000
 RUDDER = .000 SPCBRK = 25.000

RUN NO. 167/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMET	CHMEO	CLN	CN	CAF	CYN	CB'	CY	XCP/L	CAB
.200	-10.710	.17890	.10810	.19990	-.90330	.01168	-.00080	.00270	.00000	.73300	.03030
.200	-6.610	.17260	.09920	.19760	-.77390	.02443	-.00010	.00340	.00300	.74100	.03063
.200	-6.500	.16840	.09660	.17190	-.64390	.03776	.00010	.00270	-.00100	.75000	.03217
.200	-4.350	.13210	.09290	.17200	-.55430	.04795	.00020	.00220	-.00100	.76600	.03162
.200	-2.340	.14670	.08760	.17230	-.46640	.05560	.00030	.00240	-.00100	.78800	.03128
.200	-.170	.14360	.08160	.17130	-.36750	.05987	.00060	.00250	-.00200	.82300	.03110
.200	1.900	.14140	.07720	.17080	-.27310	.05979	.00050	.00260	-.00100	.88200	.03173
.200	3.920	.13840	.07220	.17000	-.17650	.05616	.00060	.00270	-.00100	1.00600	.03127
.200	6.260	.13730	.06730	.16930	-.06930	.04743	.00050	.00280	.00000	1.55100	.03126
.200	8.040	.13760	.06370	.16940	.01190	.03860	.00060	.00280	.00000	-4.55700	.03130
.200	10.240	.13830	.05710	.17340	.11020	.02468	.00070	.00290	.00000	.07300	.03285
.200	12.230	.14010	.04930	.17850	.19720	.01162	.00070	.00310	.00000	.31900	.03368
.200	14.330	.14020	.04180	.18230	.29550	-.00360	.00040	.00290	.00100	.42500	.03651
.200	16.410	.13730	.03780	.18240	.40270	-.01926	.00020	.00260	.00200	.48500	.03893
.200	18.560	.13100	.03580	.18000	.52290	-.03591	-.00030	.00320	.00300	.52500	.04159
.200	20.620	.12540	.03030	.17660	.63680	-.04627	-.00410	.00030	.00900	.55000	.04440
.200	22.720	.12260	.02310	.17110	.75650	-.05657	-.00350	-.00110	.01000	.56900	.04628
.200	24.850	.09710	.02000	.16860	.87440	-.06882	-.00330	-.00260	.01500	.58100	.04863
GRADIENT	-.55150	-.00027	-.00250	-.00027	.04575	.00100	.00003	.00006	-.00000	.02767	-.00001

CATE 01 MAR 75 TABULATED SOURCE DATA - CA1198

041198 98C12F10M1628M127E53V8 R5 X9

(18F9168) (18 NOV 74)

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELV-LO = -20.000 ELV-LI = -10.000
ELV-RI = -10.000 ELV-RO = -20.000
RUDDER = .000 SPCBER = 25.000

REFERENCE DATA

REF = 2000.0100 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
SCALE = .0435 SCALE

RLN NO. 100/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-15.620	.12140	.09760	.14440	-.76640	.00006	-.00160	.00340	.00200	.72100	.03406
.201	-8.110	.11350	.09480	.13370	-.64980	.01219	-.00070	.00470	.00100	.72900	.03426
.202	-6.430	.10680	.08440	.12180	-.52670	.02552	.00000	.00590	.00000	.73700	.03468
.203	-4.290	.09900	.07740	.11980	-.43150	.03582	.00020	.00640	.00000	.74500	.03427
.204	-2.160	.09430	.07080	.11810	-.33340	.04282	.00050	.00730	-.00100	.75300	.03392
.205	-.070	.09250	.06560	.11640	-.23360	.04598	.00050	.00560	.00000	.76100	.03396
.206	1.950	.09090	.06320	.11790	-.14530	.04476	.00060	.00570	.00000	.76900	.03321
.207	3.980	.08920	.06110	.11860	-.05310	.03989	.00050	.00560	-.00100	.77700	.03343
.208	6.120	.08930	.05910	.12010	.03980	.03145	.00050	.00550	-.00100	.78500	.03241
.209	8.150	.08930	.05790	.12120	.13040	.02022	.00030	.00520	.00000	.79300	.03209
.210	10.230	.08820	.05510	.12390	.22540	.00668	.00010	.00460	.00000	.80100	.03367
.211	12.320	.08500	.04680	.12730	.32050	-.00892	.00010	.00470	.00100	.80900	.03475
.212	14.400	.08300	.03490	.12950	.42160	-.02481	.00000	.00360	.00200	.81700	.03707
.213	16.560	.07590	.03000	.12980	.53470	-.04190	-.00050	.00290	.00300	.82500	.03959
.214	18.620	.06600	.03100	.12720	.64930	-.05843	-.00110	.00320	.00400	.83300	.04197
.215	20.780	.04750	.01410	.11790	.77440	-.06601	-.00360	.00300	.01100	.84100	.04534
.216	22.890	.03120	.00520	.10910	.90290	-.07908	-.00640	-.00190	.01400	.84900	.04930
.217	25.060	.02810	-.00240	.10340	1.02680	-.09228	-.00850	-.00240	.02000	.85700	.05337
.218	GRADIENT	-.00115	-.00195	-.00013	.04576	.00050	.00000	-.00011	-.00005	.86500	-.05012

OA1198 862C18F10H16N127E35V8 R5 X0

(RF9189) (18 NOV 74)

REFERENCE DATA

REF = 2800.0100 90.FT. XREF = 1076.6800 INCHES
 LREF = 474.8100 INCHES YREF = .0000 INCHES
 BREF = 936.6800 INCHES ZREF = 379.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = -10.000 ELV-LI = -10.000
 ELV-RI = -10.000 ELV-RO = -10.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 189/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAP	CYN	CBL	CV	XCP/L	CAB
.200	-10.370	.11430	.06820	.11740	-.70770	-.00822	-.00190	.00230	.00100	.71300	.03488
.200	-8.480	.10500	.03740	.10950	-.58260	.00305	-.00090	.00390	.00000	.72500	.03460
.200	-6.360	.10170	.05160	.10210	-.48580	.01675	-.00050	.00340	.00000	.72900	.03487
.200	-4.180	.09530	.04660	.10110	-.38680	.02764	-.00030	.00320	.00000	.74800	.03496
.200	-2.220	.09220	.04260	.10100	-.29710	.03465	-.00030	.00280	.00000	.77700	.03420
.200	-.140	.09260	.03960	.10130	-.20590	.03732	-.00020	.00250	.00000	.83300	.05416
.200	2.320	.08900	.03770	.10200	-.10950	.03623	.00000	.00230	.00000	.99500	.03388
.200	4.520	.08730	.03590	.10240	-.01970	.03170	.00000	.00210	.00000	2.35800	.03339
.200	6.250	.08680	.03460	.10350	.08090	.02223	-.00010	.00190	.00000	.18100	.03297
.200	8.200	.08560	.03320	.10400	.16970	.01101	-.00040	.00180	.00100	.42600	.03319
.200	10.260	.08320	.03000	.10510	.26640	-.00262	-.00050	.00160	.00200	.50700	.03376
.200	12.400	.08030	.02540	.10800	.36340	-.01818	-.00030	.00170	.00200	.54100	.03541
.200	14.450	.07700	.01930	.10950	.46680	-.03394	-.00110	.00100	.00400	.56500	.03775
.200	16.600	.06800	.01370	.10610	.58760	-.05132	-.00130	.00110	.00500	.58500	.04014
.200	18.650	.05840	.01420	.10210	.70380	-.06796	-.00200	.00060	.00700	.59800	.04229
.200	20.770	.04160	-.00040	.09420	.82710	-.07542	-.00670	-.00230	.01400	.61000	.04529
.200	22.870	.02510	-.00630	.08820	.94760	-.08689	-.00720	-.00460	.01600	.61800	.04766
.200	24.980	.02340	-.01260	.08720	1.06130	-.09813	-.00660	-.00510	.02300	.62200	.05093
.200	GRADIENT	-.00093	-.00127	.00018	.04466	.00046	.00004	-.00013	.00000	.18577	-.00017



041198 869C12F10M16N26W127E35V8 R5 X9

(18F9170) (18 NOV 74)

REFERENCE DATA

SREF = 2000.0100 SQ.FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 I-INCHES YMRP = .0000 INCHES
 BREF = 936.6000 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 SCFLAP = .000
 ELV-LO = .000 ELV-LI = -10.000
 ELV-RI = -10.000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 29.000

RUN NO 170/ 3 RW/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHMEC	CLM	CN	LAF	CYN	CSL	CY	XCF/L	CAB
.200	-10.510	.03390	.01960	.08680	-.64480	-.01137	-.00090	.00040	-.00120	.70100	.03963
.200	-8.440	.04950	.01720	.08040	-.53450	.00053	-.00030	.00090	-.00100	.70700	.03624
.200	-6.360	.04690	.01490	.07350	-.42810	.01417	-.00010	.00090	-.00100	.71500	.03606
.200	-4.210	.04470	.01320	.07380	-.33410	.02459	.00000	.00110	-.00100	.73300	.03572
.200	-2.070	.04320	.01160	.07370	-.23780	.03159	.00010	.00120	-.00100	.76600	.03530
.200	-.090	.04220	.01000	.07350	-.14700	.03399	.00000	.00100	.00000	.83600	.03534
.200	1.970	.04110	.00810	.07340	-.05170	.03302	.00000	.00090	.00000	1.17400	.03498
.200	4.090	.03990	.00600	.07260	.04690	.02742	.00000	.00080	.00000	.00200	.03469
.200	6.230	.03910	.00750	.07240	.14430	.01874	-.00010	.00090	.00000	.4700	.03351
.200	8.320	.03800	.00510	.07160	.24160	.00567	-.00040	.00100	.00200	.54300	.03417
.200	10.450	.03750	.00350	.07050	.33790	-.00836	-.00080	.00060	.00300	.57000	.03445
.200	12.510	.03630	.00160	.06930	.43100	-.02373	-.00120	.00060	.00500	.58300	.03508
.200	14.510	.03460	-.00000	.06820	.53080	-.03852	-.00140	.00070	.00500	.59500	.03779
.200	16.650	.02930	-.00620	.07520	.65580	-.05604	-.00180	.00030	.00700	.61000	.04049
.200	18.700	.02460	-.00360	.07020	.77440	-.07346	-.00260	-.00140	.01000	.61800	.04262
.200	20.860	.01810	-.01000	.06480	.89840	-.09007	-.00310	-.00260	.01100	.62500	.04504
.200	22.910	.00990	-.01680	.06030	1.01160	-.09042	-.00840	-.00150	.02000	.63000	.04776
.200	25.070	.00790	-.02350	.06120	1.12120	-.10013	-.00680	-.00570	.02400	.63200	.05154
GRADIENT		-.00057	-.00049	-.00013	.04593	.00030	-.00000	-.00004	.00014	-.04403	-.00012

0A1198 862C12F10H16N28W127E55V8 RS X0

(RF9171) (10 NOV 74)

REFERENCE DATA

NREF = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = -5.000 ELV-LI = -10.000
 ELV-RI = -10.000 ELV-RO = -5.000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 171/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHMEO	CLM	CN	CAF	CYN	CBL	CV	KCF/L	CAB
.200	-10.560	.0500	.02470	.10150	-.67740	-.01192	-.00110	.05230	.00000	.70700	.03559
.200	-8.450	.03040	.02120	.09410	-.56280	.00086	-.00050	.00330	.00000	.71300	.03551
.200	-6.360	.04870	.01890	.08720	-.45560	.01428	.00000	.00270	.00000	.72200	.03639
.200	-4.190	.04600	.01700	.08710	-.36140	.02320	.00000	.00270	-.00100	.74100	.03545
.200	-2.170	.04470	.01540	.08670	-.26940	.03215	.00000	.00260	-.00100	.77000	.03506
.200	-.100	.04370	.01430	.08630	-.17460	.03505	.00000	.00250	.00000	.83500	.03505
.200	1.960	.04270	.01350	.08700	-.08070	.03372	.00010	.00230	.00000	1.04900	.03455
.200	4.010	.04170	.01280	.08680	.01370	.02876	.00000	.00230	.00000	-1.67900	.03433
.200	6.180	.04110	.01170	.08720	.10910	.01989	.00000	.00230	.00000	.35800	.03340
.200	8.180	.04000	.01020	.08690	.20410	.00770	-.00030	.00230	.00100	.49500	.03371
.200	10.300	.03690	.00820	.08910	.30310	-.00588	-.00050	.00230	.00200	.54400	.03395
.200	12.430	.03790	.00660	.09370	.39910	-.02132	-.00070	.00210	.00300	.56500	.03561
.200	14.540	.03600	.00290	.09460	.50580	-.03608	-.00110	.00170	.00400	.58300	.03801
.200	16.580	.03110	-.00090	.08950	.62360	-.05465	-.00150	.00150	.00500	.59900	.04043
.200	18.670	.02630	-.00040	.08570	.74030	-.07162	-.00220	.00060	.00700	.60900	.04254
.200	20.790	.01950	-.00470	.08080	.86480	-.08799	-.00260	-.00120	.00800	.61700	.04473
.200	22.910	.01110	-.00990	.07440	.98190	-.08954	-.00780	-.00550	.01800	.62400	.04729
.200	25.010	.00960	-.01600	.07420	1.09110	-.09954	-.00670	-.00460	.02200	.62700	.05053
	GRADIENT	-.00052	-.00050	-.00001	.04573	.00042	.00000	-.00004	.00015	-.22226	-.00013

DATE 01 MAR 75 TABULATED SOURCE DATA - 0A1198

0A1198 86C12F10M16N28M127E55V0 R5 X9

(RF9178) (18 NOV 74)

REFERENCE DATA

SREF = 2000.0100 30.FT. XREF = 1076.0000 INCHES
 LREF = 474.8100 INCHES YREF = .0000 INCHES
 BREF = 936.6800 INCHES ZREF = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = .000
 ELV-LO = -5.000 ELV-LI = -5.000
 ELV-RI = -5.000 ELV-RO = -5.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 172/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHME0	CLM	CN	CAF	CYN	CBL	CV	XCF/L	CAB
.200	-10.400	.03880	.02200	.07060	-.60500	-.01448	-.00100	.00250	.00000	.69500	.03770
.200	-8.450	.03445	.01960	.06700	-.50190	-.00246	-.00020	.00290	-.00100	.70100	.03764
.200	-6.230	.03160	.01720	.06370	-.39600	.01232	.00010	.00280	-.00200	.71100	.03710
.200	-4.190	.03140	.01550	.06290	-.30560	.02211	.00020	.00280	-.00100	.72800	.03653
.200	-1.980	.03110	.01380	.06220	-.20610	.02871	.00010	.00280	-.00100	.76300	.03635
.200	-.070	.03070	.01310	.06220	-.11730	.03132	.00020	.00270	-.00100	.84700	.03590
.200	2.080	.03050	.01220	.06240	-.02020	.02905	.00020	.00270	-.00100	1.78600	.03517
.200	4.130	.02950	.01140	.06250	.07370	.02458	.00020	.00260	-.00100	.34000	.03501
.200	6.260	.02870	.01030	.06260	.17030	.01451	.00020	.00240	.00000	.51700	.03482
.200	8.250	.02670	.00870	.06160	.26130	.00265	.00000	.00240	.00000	.56500	.03437
.200	10.370	.02450	.00640	.06210	.36520	-.01210	-.00020	.00240	.00100	.58900	.03518
.200	12.440	.02220	.00460	.06540	.46090	-.02790	-.00070	.00210	.00300	.62000	.03646
.200	14.510	.01960	.00270	.06650	.56570	-.04418	-.00120	.00180	.00500	.65900	.03852
.200	16.620	.01300	-.00270	.06110	.68670	-.06134	-.00170	.00160	.00600	.61900	.04067
.200	18.730	.00610	-.00310	.05660	.80720	-.07938	-.00240	.00080	.00800	.62600	.04341
.200	20.830	-.00020	-.00750	.05160	.92780	-.09320	-.00270	-.00120	.00800	.63100	.04548
.200	23.010	-.00070	-.01380	.04350	1.05200	-.09537	-.00860	-.00500	.01900	.63700	.04894
.200	25.230	-.00050	-.01980	.04350	1.16810	-.10370	-.00690	-.00470	.02400	.63800	.05272
.200	GRADIENT	-.00024	-.00047	-.00003	.04554	.00021	.00000	-.00002	.00000	.01196	-.00015

CATE 0, MAR 77 TABULATED SOURCE DATA - 041198

(NF9173) (18 NOV 74)

9A1198 862C12F10H16N20W127E35V8 R5 X9

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = -10.000 ELV-LI = -5.000
 ELV-RI = -5.000 ELV-RO = -10.000
 RUDDER = .000 SPDGRK = 25.000

REFERENCE DATA

SRFP = 2890.0100 30-FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 SRFP = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

RUN NO. 173/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.540	.04100	.03150	.08850	-.54460	-.01208	-.00140	.00220	.00000	.70200	.03708
.200	-8.400	.03620	.02680	.08310	-.53240	.00072	-.00060	.00360	.00000	.70900	.03694
.200	-6.340	.03350	.02370	.07920	-.43530	.01356	-.00020	.00360	-.00100	.71900	.03672
.200	-4.190	.03280	.02190	.07820	-.33650	.02425	.00000	.00350	.00000	.73700	.03643
.200	-2.060	.03240	.01960	.07760	-.24030	.03113	.00000	.00300	-.00100	.77100	.03569
.200	-.090	.03230	.01830	.07780	-.15000	.03349	.00000	.00260	-.00100	.84300	.03572
.200	2.060	.03150	.01730	.07830	-.05320	.03214	.00010	.00240	.00000	1.19300	.03510
.200	4.560	.03150	.01660	.07880	.05770	.02687	.00020	.00230	-.00100	-.11500	.03489
.200	6.120	.03110	.01620	.07950	.13040	.01828	.00000	.00200	.00000	.42800	.03395
.200	8.240	.02940	.01540	.07930	.22640	.00570	.00000	.00180	.00000	.52300	.03381
.200	10.290	.02690	.01310	.07920	.32700	-.00869	-.00030	.00160	.00200	.56300	.03484
.200	12.380	.02440	.01070	.08100	.42660	-.02430	-.00060	.00160	.00300	.58200	.03617
.200	14.590	.02170	.00710	.08140	.53560	-.04116	-.00120	.00130	.00500	.59600	.03844
.200	16.680	.01550	.00470	.07680	.65860	-.05921	-.00150	.00080	.00600	.60900	.04106
.200	18.710	.00840	.00410	.07320	.77320	-.07579	-.00220	.00100	.00700	.61700	.04307
.200	20.800	-.00120	-.00400	.06450	.89460	-.08035	-.00760	-.00300	.01600	.62500	.04595
.200	22.940	-.00860	-.00750	.05710	1.02160	-.08278	-.00820	-.00440	.01800	.63100	.04889
.200	25.040	-.00820	-.01310	.05490	1.13700	-.10391	-.00693	-.00400	.02200	.63400	.05229
GRADIENT		-.00016	-.00057	.00009	.04538	.00031	.00002	-.00015	-.00005	-.06139	-.00018



CATE 01 MAR 75

TABULATED SOURCE DATA - QAL198

QAL198 062C12F10M16N20W127E55V8 R5 X9

(RF9174) (18 NOV 74)

PARAMETRIC DATA

BETA = .000 BDPLAP = .000
ELV-LO = .000 ELV-LI = 15.000
ELV-RI = 15.000 ELV-RO = .000
RUDDER = .000 SPOBRK = 25.000

REFERENCE DATA

SRFP = 2490.0100 90.FT. XMRP = 1076.6800 INCHES
LREF = 474.9100 INCHES YMRP = .0000 INCHES
SREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

RUN NO. 174/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	KCP/L	CAB
.820	-10.330	-.02600	-.03030	-.04040	-.36930	-.00036	-.00090	-.00150	.00300	.61200	.04434
.820	-8.170	-.02690	.00710	-.03930	-.27110	.01273	-.00080	-.00090	.00100	.59800	.04411
.820	-6.110	-.02760	.00350	-.04070	-.17950	.02469	-.00070	-.00100	.00100	.56800	.04381
.820	-4.050	-.02820	.00390	-.04160	-.08380	.03311	-.00080	-.00090	.00200	.47300	.04370
.820	-2.000	-.02830	.00290	-.04070	.00190	.03847	-.00070	-.00090	.00200	.8.18000	.04231
.820	.100	-.02800	.00190	-.03920	.09460	.03936	-.00080	-.00110	.00300	.80400	.04214
.820	2.200	-.02780	.00100	-.03770	.19040	.03585	-.00100	-.00110	.00300	.72500	.04170
.820	4.240	-.02860	.00030	-.03700	.27740	.02958	-.00110	-.00130	.00500	.70100	.04071
.820	6.360	-.03280	-.00140	-.04260	.38370	.01908	-.00160	-.00150	.00600	.69200	.04035
.820	8.440	-.03730	-.00380	-.04830	.49380	.00937	-.00200	-.00180	.00800	.68600	.04065
.820	10.490	-.04230	-.00670	-.05210	.59950	-.00681	-.00230	-.00150	.00900	.68400	.04173
.820	12.590	-.04780	-.00900	-.05310	.70230	-.02448	-.00280	-.00220	.01100	.68000	.04236
.820	14.690	-.05280	-.01350	-.05490	.81370	-.04145	-.00340	-.00200	.01300	.67700	.04465
.820	16.800	-.05900	-.01710	-.05960	.93570	-.05902	-.00390	-.00180	.01500	.67500	.04603
.820	18.900	-.06690	-.02160	-.06320	1.05620	-.07690	-.00410	-.00340	.01600	.67400	.04831
.820	21.000	-.07530	-.02220	-.07530	1.18880	-.07734	-.01130	-.00300	.02700	.67500	.05311
.820	23.120	-.08680	-.03220	-.08830	1.32040	-.08501	-.01060	-.00600	.02500	.67600	.05732
.820	25.230	-.09500	-.03960	-.09300	1.44320	-.09529	-.00720	-.00440	.02300	.67600	.06319
GRADIENT		-.00001	-.00044	.00059	.04399	-.00046	-.00004	-.00005	.00034	-.34343	-.00032

041198 962C12F10>16H26W127E35V8 R3 X9

(NF9175) (18 NOV 74)

REFERENCE DATA

SRF = 2800.0100 SQ.FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BRP = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = -20.000
 ELV-RI = -20.000 ELV-RO = .000
 RUDDER = .000 SPCBRK = 25.000

RUN NO. 175/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.590	.09430	.02020	.12720	-.74330	.00190	-.00070	.00440	.00000	.71600	.03243
.250	-8.490	.09140	.01770	.12050	-.62280	.01410	.00020	.00290	-.00200	.72300	.03382
.300	-6.410	.08620	.01460	.11010	-.51000	.02807	.00060	.00180	-.00300	.73100	.03401
.350	-4.320	.08580	.01250	.10890	-.41780	.03884	.00070	.00190	-.00300	.74800	.03454
.400	-2.230	.08540	.01040	.10670	-.32360	.04697	.00080	.00200	-.00300	.77500	.03404
.450	-.110	.08450	.00860	.10810	-.22600	.05039	.00090	.00210	-.00300	.82800	.03411
.500	1.910	.08330	.00760	.10790	-.13380	.04935	.00080	.00210	-.00200	.94800	.03387
.550	4.040	.08110	.00670	.10680	-.03320	.04426	.00050	.00200	-.00100	1.83500	.03394
.600	6.590	.07890	.00570	.10600	.05800	.03650	.00010	.00200	.00000	-.02500	.03309
.650	8.160	.07820	.00470	.10910	.14840	.02482	.00030	.00200	.00000	.38100	.03332
.700	10.280	.07720	.00390	.11390	.23820	.01115	-.00020	.00260	.00200	.47600	.03417
.750	12.340	.07640	.00220	.12030	.32770	-.00299	-.00020	.00270	.00200	.51700	.03535
.800	14.390	.07510	-.00110	.12480	.42330	-.01693	-.00020	.00280	.00200	.54300	.03699
.850	16.370	.07290	-.00500	.12170	.54140	-.03396	-.00050	.00240	.00200	.56900	.03936
.900	18.640	.06480	-.00420	.11850	.65610	-.05070	-.00110	.00070	.00500	.58500	.04150
.950	20.740	.05760	-.00760	.11710	.76900	-.06659	-.00210	-.00140	.00800	.59600	.04359
.990	22.930	.05000	-.01540	.11840	.87660	-.08940	-.00610	-.00500	.01500	.60200	.04561
.200	24.930	.04540	-.02480	.11740	.97450	-.07703	-.00430	-.00330	.01700	.60700	.04793
GRADIENT		-.00055	-.00067	-.00024	.04598	.00064	-.00020	.00003	.00024	.11266	-.00007

CATE 01 MAR 75

TABULATED SOURCE DATA - CA1198

0A1198 862C12F10M16N20V187E35V0 RS X9

(RF9176) : 18 NOV 74)

PARAMETRIC DATA

BETA = .000 BDPLAP = .000
ELV-LO = -10.000 ELV-LI = -20.000
ELV-RI = -20.000 ELV-RO = 10.000
RUDDER = .000 SFCBRK = 25.000

REFERENCE DATA

SRF = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 477.8100 INCHES YMRP = .0000 INCHES
SRF = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0400 SCALE

RUN NO. 176/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMEI	CHREO	CLM	CN	CAF	CYN	CBL	CV	XCP/L	CAB
.200	-10.600	.09590	.03660	.12780	-.74590	.00918	.00110	-.01170	-.00400	.71500	.03284
.200	-8.480	.09120	.03140	.11770	-.62290	.01949	.00090	-.01240	-.00400	.72100	.03397
.200	-6.410	.08710	.02900	.10970	-.51400	.03306	.00130	-.01400	-.00500	.73000	.03516
.200	-4.280	.08670	.02650	.10790	-.41640	.04421	.00110	-.01430	-.00300	.74700	.03539
.200	-2.380	.08670	.02420	.10720	-.31510	.05270	.00090	-.01440	-.00100	.77700	.03465
.200	-.070	.08650	.02240	.10640	-.22200	.05515	-.00010	-.01460	.00000	.82800	.03484
.200	2.020	.08520	.02090	.10560	-.12370	.05443	-.00030	-.01500	.00100	.96600	.03456
.200	4.090	.08360	.01870	.10450	-.02920	.04871	.00080	-.01530	.00400	1.96800	.03476
.200	6.140	.08190	.01700	.10340	.06130	.04062	-.00080	-.01520	.00800	.51900	.03352
.200	8.140	.08140	.01600	.10210	.15000	.02934	-.00130	-.01490	.00900	.58900	.03374
.200	10.330	.08100	.01440	.11170	.24580	.01548	-.00150	-.01530	.00900	.48500	.03468
.200	12.370	.08070	.01220	.11770	.33520	.00162	-.00190	-.01560	.01100	.52200	.03572
.200	14.430	.07940	.01220	.12250	.43120	-.01282	-.00200	-.01510	.01200	.54700	.03750
.200	16.520	.07560	.00960	.12080	.54340	-.02938	-.00220	-.01530	.01400	.57000	.04024
.200	18.660	.07060	.01110	.11770	.66170	-.04563	-.00340	-.01730	.01800	.58600	.04171
.200	20.720	.06270	.00620	.11620	.77100	-.05580	-.00640	-.01940	.02100	.59600	.04385
.200	22.950	.05190	.00150	.11750	.88460	-.06699	-.00620	-.01910	.02000	.60300	.04612
.200	24.900	.04740	-.00330	.12230	.97300	-.07267	-.00310	-.01600	.02100	.60600	.04853
.200	GRADIENT	-.00037	-.00081	-.00040	.04634	.00053	-.00022	-.00012	.00077	.12587	-.00007

C41198 B62C12F10M16N20M127E33V8 R3 X9

(RF9177) (18 NOV 74)

REFERENCE DATA

SRFP = 889.5125 SQ.FT. XMRP = 1076.6800 INCHES
 LRFP = 474.8100 INCHES YMRP = .0200 INCHES
 BRFP = 436.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = -20.000 ELV-LI = -20.000
 ELV-R1 = 20.000 ELV-RO = 20.000
 RUDDER = .000 SPCBRK = 25.000

RUN NO. 177/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-15.420	.09530	.05040	.02540	-.51290	.02278	-.00870	-.05590	.02700	.67000	.04361
.200	-8.340	.09280	.04630	.01760	-.40330	.03357	-.00680	-.05260	.02500	.66800	.04324
.200	-6.250	.08870	.04370	.01470	-.30300	.04685	-.00640	-.05230	.02500	.67000	.04254
.200	-4.180	.08810	.04030	.01290	-.21030	.05672	-.00670	-.05210	.02700	.67400	.04175
.200	-2.080	.08780	.03740	.01280	-.11530	.06276	-.00720	-.05220	.02900	.69300	.04138
.200	.000	.08700	.03570	.01180	-.02030	.06501	-.00770	-.05380	.03400	.66600	.04114
.200	2.050	.08610	.03420	.00920	.07690	.06460	-.00810	-.05570	.03800	.60700	.04038
.200	4.130	.08440	.03240	.00660	.17510	.05871	-.00860	-.05720	.04200	.63800	.04050
.200	6.220	.08290	.03100	.00280	.27670	.05025	-.01000	-.05920	.05000	.64800	.03993
.200	8.310	.08220	.02990	-.00220	.38290	.03895	-.01040	-.06260	.05500	.65400	.04055
.200	10.390	.08160	.02710	-.00610	.48980	.02674	-.01040	-.06640	.06100	.65600	.04142
.200	12.510	.08090	.02320	-.00400	.59100	.01085	-.01170	-.06830	.06700	.65400	.04231
.200	14.600	.07940	.01870	-.00300	.69060	-.00518	-.01340	-.06970	.07200	.65200	.04337
.200	16.690	.07550	.01700	-.00520	.80200	-.02167	-.01420	-.07000	.07700	.65200	.04506
.200	18.770	.07530	.01840	-.00380	.91390	-.03758	-.01550	-.07360	.08300	.65200	.04750
.200	20.920	.06520	.01130	-.00240	1.02530	-.04503	-.01960	-.07580	.09000	.65300	.05036
.200	22.970	.05100	.00950	-.00040	1.12280	-.05051	-.01980	-.06880	.08100	.65200	.05467
.200	25.080	.04660	.00740	.00320	1.22290	-.06171	-.01200	-.06760	.07700	.65100	.06072
.200	GRADIENT	-.00044	-.00092	-.00078	.04640	.00028	-.00025	-.00066	.00188	-.00752	-.00017



DATE 01 MAR 79 TABULATED SOURCE DATA - 041198

(RF9178) (18 NOV 74)

041198 862C12F10M16N28W127E55V8 R5 X9

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
ELV-LO = -20.000 ELV-LI = -5.000
ELV-RI = -5.000 ELV-RO = .000
RUDDER = .000 SPOBRK = 25.000

REFERENCE DATA

SECF = 8690.0100 SQ.FT. XMRP = 1076.6800 INCHES
LECF = 474.8100 INCHES YMRP = .0000 INCHES
RACF = 938.6000 INCHES ZMRP = 379.5000 INCHES
SCALE = .0400 SCALE

RUN NO. 178/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAP	CYN	CBL	CY	XCF/L	CAB
.200	-10.510	.04150	.04690	.08360	-.63180	-.00895	-.00430	-.01320	.00000	.70100	.03734
.200	-8.420	.03710	.04500	.07650	-.52040	.00369	-.00330	-.01130	.00000	.70600	.03717
.200	-6.320	.03300	.04040	.06990	-.41430	.01657	-.00250	-.00960	.00000	.71400	.03701
.200	-4.230	.03270	.03630	.06610	-.31700	.02701	-.00220	-.00890	.00000	.73100	.03629
.200	-2.150	.03230	.03300	.06690	-.22260	.03344	-.00210	-.00860	.00000	.76200	.03592
.200	-.090	.03190	.03080	.06660	.13070	.03589	-.00220	-.00860	.00000	.84000	.03557
.200	1.970	.03160	.03000	.06700	-.03760	.03450	-.00240	-.00910	.00100	1.30800	.03535
.200	4.070	.03110	.02920	.06760	.05770	.02927	-.00290	-.00900	.00300	.22100	.03477
.200	6.140	.03070	.02840	.06840	.15090	.02010	-.00330	-.01060	.00400	.46500	.03419
.200	8.220	.02960	.02780	.06830	.24340	.00791	-.00370	-.01130	.00700	.54900	.03407
.200	10.310	.02850	.02630	.07150	.33920	-.00595	-.00420	-.01170	.00900	.57400	.03473
.200	12.390	.02830	.02200	.07410	.43500	-.02232	-.00410	-.01130	.00900	.58900	.03663
.200	14.510	.02830	.01510	.07520	.54300	-.03945	-.00420	-.01260	.01100	.60100	.03839
.200	16.610	.01860	.01310	.07160	.66230	-.05473	-.00470	-.01470	.01300	.61200	.04049
.200	18.710	.01190	.01320	.06500	.76580	-.07172	-.00470	-.01670	.01500	.62100	.04341
.200	20.800	.00020	.00300	.05920	.90870	-.07631	-.00990	-.01840	.02300	.62900	.04675
.200	22.920	-.00710	-.00140	.05740	1.03550	-.08847	-.00940	-.01620	.02400	.63400	.04938
.200	25.070	-.00700	-.00600	.04660	1.15270	-.10076	-.00750	-.01570	.02700	.63700	.05319
GRADIENT		-.00015	-.00083	-.00004	.04310	.00027	-.00008	-.00011	.00034	-.02324	-.00017

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OF POOR QUALITY

041198 862C12F10M16N28M127E55V8 R3 X9

(RF9179) (18 NOV 74)

REFERENCE DATA

SREF = 2890.000 SQ.FT. MREF = 1076.6000 INCHES
 LREF = 474.600 INCHES YREF = .0000 INCHES
 BREF = 939.000 INCHES ZREF = 375.0000 INCHES
 SCALE = 1:400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = -20.000 ELV-LI = -10.000
 ELV-RI = -10.000 ELV-RO = .000
 RUDDER = .000 SPCBRK = 25.000

RUN NO. 179/ 0 RM/L = 1.42 GRACIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	C-REF	CMREQ	CLM	CN	CAP	CYN	CSL	CY	XCP/L	CAB
.200	-10.500	.05570	.04820	.11440	-.70330	-.00540	-.00450	-.01320	.00000	.71200	.03502
.200	-9.400	.05160	.04690	.10930	-.68370	.00650	-.00350	-.01140	.00500	.71800	.03513
.200	-8.300	.05260	.04170	.09390	-.46970	.02005	-.00260	-.00930	-.00100	.72500	.03567
.200	-4.300	.04920	.03610	.09210	-.37410	.03040	-.00220	-.00860	-.00100	.74200	.03525
.200	-2.100	.04710	.03510	.09130	-.27910	.03696	-.00220	-.00830	.00000	.77200	.03495
.200	-1.100	.04770	.03230	.09060	-.18950	.03995	-.00230	-.00830	.00000	.83200	.03446
.200	1.570	.04480	.03110	.09110	-.08930	.03661	-.00250	-.00880	.00100	1.02800	.03476
.200	4.020	.04290	.03000	.09110	.00300	.03420	-.00290	-.00930	.00300	-10.19300	.03370
.200	6.110	.04350	.02910	.09220	.09630	.02532	-.00330	-.00990	.00400	.30500	.03325
.200	9.170	.04410	.02850	.09300	.18990	.01371	-.00370	-.01090	.00600	.47100	.03287
.200	10.260	.04360	.02730	.09700	.28130	-.00018	-.00420	-.01120	.00800	.52500	.03410
.200	12.360	.04190	.02370	.10760	.37720	-.01548	-.00450	-.01120	.01000	.55300	.03542
.200	14.400	.04100	.01690	.10310	.48030	-.03146	-.00400	-.01220	.01000	.57300	.03761
.200	16.500	.03760	.01440	.10000	.59710	-.04789	-.00460	-.01460	.01300	.59000	.04028
.200	18.650	.03230	.01500	.09380	.72240	-.06462	-.00480	-.01640	.01500	.60400	.04262
.200	20.760	.02550	.00650	.08550	.84570	-.07030	-.00510	-.01860	.02100	.61100	.04560
.200	22.670	.01920	.00230	.07210	.96310	-.08231	-.00510	-.01760	.02500	.62000	.04804
.200	24.960	.01360	-.00130	.07960	1.08040	-.09356	-.00700	-.01620	.02500	.62500	.05131
.200	GRADIENT	-.00063	-.00097	-.00011	.04538	.00045	-.00008	-.00009	.00043	-1.03597	-.00016

DATE 01 MAR 75

TABULATED SOURCE DATA - Q41198

PAGE 161

Q41198 862C12F10M16N28W127E35V8 R5 H9

(RFS180) (18 NOV 74)

REFERENCE DATA

SREF = 2090.0100 30.FT. XMRP = 1078.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 SREF = 938.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = -15.000 ELV-LI = -10.000
 ELV-RI = -10.000 ELV-RO = 5.000
 RUDDER = .000 SPDBRK = 25.000

RVA CO. 180/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHWEI	CHWEC	CLM	CM	CAF	CYN	CBL	CY	XCF/L	CAB
.250	-10.550	.31650	.08220	.09680	-.67210	-.03706	-.00270	-.01320	.00000	.70600	.03587
.250	-8.450	.15810	.07720	.08890	-.55370	.00592	-.00170	-.01320	-.00100	.71100	.03577
.250	-6.340	.10450	.06650	.08000	-.44300	.01919	-.00140	-.01210	.00000	.71800	.03583
.250	-4.290	.09790	.06310	.07680	-.34930	.02590	-.00130	-.01150	.00000	.73500	.03544
.250	-2.190	.09437	.05770	.07880	-.25720	.03575	-.00150	-.01160	.00000	.76500	.03560
.250	-.110	.09160	.05420	.07890	-.16130	.03912	-.00190	-.01190	.00200	.83200	.03507
.250	1.960	.08960	.05090	.07920	-.06740	.03764	-.00220	-.01250	.00300	1.00400	.03483
.250	4.530	.08780	.04760	.07980	.02560	.03256	-.00250	-.01270	.00400	-.14900	.03420
.250	6.100	.08750	.04410	.08140	.11330	.03389	-.00290	-.01330	.00600	.39200	.03363
.250	8.200	.08740	.04080	.08240	.21010	.03180	-.00320	-.01340	.00800	.50700	.03365
.250	10.260	.08880	.03740	.08720	.29890	-.00208	-.00330	-.01340	.01000	.54400	.03455
.250	12.360	.08670	.03090	.09160	.39450	-.01668	-.00320	-.01350	.01200	.56700	.03527
.250	14.470	.08520	.02550	.09250	.50180	-.03198	-.00290	-.01480	.01100	.58400	.03761
.250	16.590	.07200	.02150	.08750	.62410	-.04904	-.00340	-.01600	.01400	.60500	.04077
.250	18.660	.06130	.02180	.08540	.75090	-.06630	-.00380	-.01790	.01600	.61200	.04250
.250	20.770	.04860	.01270	.07790	.86670	-.08197	-.00400	-.01850	.01600	.61500	.04532
.250	22.880	.02670	-.00200	.07100	.98660	-.08425	-.00840	-.01830	.02300	.62500	.04816
.250	24.990	.02500	-.00860	.06950	1.09940	-.09343	-.00600	-.01680	.02600	.62900	.05184
.250	GRADIENT	-.00120	-.00111	.00012	.04319	.00035	-.00015	-.00016	.00053	-.10252	-.00016

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 OF POOR QUALITY

DATE 01 MAR 79 TABULATED SOURCE DATA - 0A1198

(RF9181) (18 NOV 74)

0A1198 862C18F1DM16N28W12TESSV8 R5 X9

PARAMETRIC DATA

BETA = .000 BCFLAF = .000
ELV-LO = 10.000 ELV-LI = -10.000
ELV-RI = -10.000 ELV-RO = -10.000
RUDDER = .000 SPDBRK = 25.000

REFERENCE DATA

SRFP = 2893.0100 50.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BRFP = 936.6800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

RUN NO. 181/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHME1	CHME2	CLW	CN	CAF	CYN	CN	CY	XCF/L	CAB
.200	-10.330	.10440	-.00040	.08650	-.64420	-.00832	-.00150	.01660	-.00100	.70100	-.03596
.205	-8.420	.09440	-.00455	.07890	-.53060	-.00434	-.00050	.01840	-.00300	.70700	-.03582
.205	-6.340	.09050	-.00760	.07170	-.42410	.01762	-.00020	.01740	-.00400	.71400	-.03637
.205	-4.270	.08520	-.00937	.07130	-.33280	.02788	.00010	.01700	-.00500	.73100	-.03569
.205	-2.170	.08220	-.01111	.07110	-.23910	.03492	.00030	.01650	-.00600	.76100	-.03512
.205	-.095	.07960	-.01230	.07080	-.14190	.03747	.00060	.01640	-.00770	.83600	-.03521
.205	1.960	.07700	-.01430	.07080	-.04810	.03658	.00080	.01690	-.00800	.11300	-.03476
.205	4.050	.07450	-.01690	.07110	.04590	.03102	.00110	.01750	-.00950	.08200	-.03404
.205	6.110	.07330	-.02040	.07220	.13780	.02272	.00080	.01820	-.01000	.45900	-.03358
.205	8.210	.07300	-.02360	.07290	.23190	.01266	.00040	.01830	-.00900	.53600	-.03357
.205	10.290	.07240	-.02520	.07520	.32720	-.00358	.00020	.01810	-.00800	.56700	-.03438
.205	12.390	.07100	-.03070	.07670	.42350	-.01850	.00040	.01860	-.00800	.58300	-.03597
.205	14.480	.06750	-.03680	.07920	.53170	-.03378	.00040	.01810	-.00800	.59700	-.03787
.205	16.650	.05690	-.04800	.07440	.65460	-.05092	.00020	.01880	-.00700	.61000	-.04024
.205	18.680	.04810	-.04390	.07240	.76710	-.06858	.00010	.01730	-.00600	.61700	-.04271
.205	20.810	.03560	-.03190	.06860	.88800	-.08433	-.00080	.01580	-.00400	.62300	-.04442
.205	22.900	.01830	-.07400	.06360	.99770	-.08206	-.00720	.01070	-.00700	.62800	-.04781
.205	25.010	.01665	-.09250	.05960	1.11640	-.09363	-.00720	.01040	-.01200	.63200	-.05108
.205	GRADIENT	-.05126	-.00091	-.00203	.04566	.00038	.00012	.00007	-.00048	-.04179	-.00018



DATE 01 MAR 75

TABULATED SOURCE DATA - C41198

PAGE 163

041198 862C12F10M16N28M127E53V8 R5 X9

(R59182) (10 NOV 74)

REFERENCE DATA

SREF = 2895.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

GUN NO. 1827 0

RM/L =

1.42

GRADIENT INTERVAL =

-6.00/ 6.00

PARAMETRIC DATA

BETA = .000 80FLAP = .000
 ELV-LO = 5.000 ELV-LI = -10.000
 ELV-RI = -10.000 ELV-RO = -5.000
 RUDDER = .000 SFD8RK = 25.000

WACH	ALPHA	CHMET	CHWEO	CLM	CN	CAP	CYN	CSL	CY	XCP/L	CAB
.250	-10.500	.10400	.02100	.08790	-.64610	-.01120	-.00140	.01040	-.00000	.70200	-.03589
.250	-8.420	.09550	.01670	.08020	-.53270	.00129	-.00020	.01080	-.00000	.70700	-.03609
.250	-6.320	.09160	.01240	.07370	-.42800	.01499	.00000	.01050	-.00300	.71500	-.03610
.250	-4.240	.08630	.00930	.07350	-.33440	.02048	.00010	.01050	-.00300	.73300	-.03550
.250	-2.160	.08310	.00710	.07340	-.24050	.03242	.00020	.01020	-.00400	.76400	-.03519
.250	-.090	.08040	.00540	.07320	-.14600	.03511	.00010	.01010	-.00400	.83600	-.03493
.250	1.990	.07750	.00290	.07280	-.05120	.03353	.00000	.01000	-.00400	1.17500	-.03312
.250	4.070	.07450	.00020	.07200	.04450	.02866	.00000	.01050	-.00500	.13750	.03445
.250	6.140	.07300	-.00330	.07220	.13690	.02019	.00070	.01070	-.00400	.45800	.03336
.250	8.210	.07250	-.00680	.07290	.23080	.00794	.00060	.01050	-.00400	.53500	.03332
.250	10.320	.07170	-.00910	.07610	.32550	-.00570	.00020	.01020	-.00000	.56500	.03400
.250	12.400	.07090	-.01200	.08350	.42050	-.00076	.00000	.00980	-.00200	.58100	.03566
.250	14.490	.06820	-.00000	.06120	.52700	-.03626	.00000	.00950	-.00200	.59500	.03710
.250	16.620	.05690	-.01090	.07440	.63210	-.03397	-.00040	.00940	-.00100	.61000	.04028
.250	18.720	.04770	-.00750	.07200	.76950	-.07121	-.00050	.00950	.00000	.61700	.04282
.250	20.830	.03470	-.03570	.06750	.89020	-.08706	-.00110	.00710	.00000	.62400	.04463
.250	22.920	.01770	-.05400	.06320	1.00150	-.08638	-.00720	.00200	.01100	.62900	.04744
.250	25.010	.01620	-.07070	.06030	1.11430	-.07685	-.00660	.00490	.01700	.63200	.05101
GRADIENT		-.00141	-.00108	-.00015	.04561	.00036	.00009	.00000	-.00019	-.04555	-.00011

C01198 062C12F10M16N20M12P55V0 05 10

(INFO8) (10 NOV 74)

REFERENCE DATA

SREF = 2000.0100 50-FT. XMRP = 1076.0000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6000 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFAP = .000
 ELV-LO = -10.000 ELV-LI = -13.000
 ELV-R1 = -10.000 ELV-RO = -30.000
 RUDDER = .000 SPCBRK = 25.000

RUN NO. 103/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CWNET	CWNEG	CLW	CN	CAF	CYN	CBL	CY	KCF/L	CAB
.200	-10.610	.11370	.06850	.14160	-.76360	.00355	.00450	.01420	-.00300	.72000	.03428
.200	-8.510	.10550	.05800	.12850	-.63690	.01465	.00330	.01360	-.00600	.72600	.03465
.200	-6.400	.10370	.05200	.11610	-.52160	.02806	.00320	.01240	-.00600	.73500	.03500
.200	-4.330	.09720	.04730	.11600	-.42660	.03764	.00490	.01170	-.00700	.73200	.03475
.200	-2.250	.09370	.04320	.11500	-.33020	.04485	.00460	.01060	-.00600	.78000	.03400
.200	-.170	.09130	.03990	.11360	-.23400	.04749	.00400	.01020	-.00400	.83000	.03411
.200	1.930	.08950	.03760	.11300	-.13610	.04538	.00380	.00930	-.00400	.95700	.03432
.200	3.980	.08700	.03600	.11240	-.04260	.04092	.00360	.00890	-.00400	1.62100	.03364
.200	6.090	.08600	.03490	.11200	.05290	.03198	.00370	.00830	-.00300	-.13200	.03318
.200	8.150	.08610	.03350	.11250	.14680	.02011	.00360	.00780	-.00300	.36900	.03320
.200	10.250	.08340	.03220	.11370	.24730	.00638	.00370	.00770	-.00300	.46300	.03356
.200	12.330	.08070	.02590	.11840	.33900	-.00801	.00370	.00830	-.00200	.52300	.03519
.200	14.430	.07760	.01960	.11950	.44670	-.02334	.00310	.00700	-.00200	.55300	.03788
.200	16.520	.05890	.01390	.11930	.55740	-.04164	.00320	.00920	-.00200	.57300	.04017
.200	18.620	.05860	.01430	.11920	.66930	-.05668	.00320	.01110	-.00200	.58600	.04260
.200	20.740	.04640	.00550	.11960	.77820	-.07026	.00370	.01320	-.00400	.59500	.04479
.200	22.830	.02550	-.00600	.11240	.89750	-.07251	-.00070	.01140	-.00400	.60600	.04772
.200	24.930	.02440	-.01180	.10890	1.01390	-.08565	-.00170	.00920	.01100	.61200	.05093
GRADIENT	-.00113	-.00135	-.00135	-.00044	.04626	.00035	-.00014	-.00034	.00038	.09191	-.00008



QJ1199 062C12P10M16N20M127E55V8 R5 X9

(RFS104) (16 NOV 74)

REFERENCE DATA

SREP = 2000.0100 90-PT. XMRP = 1076.6900 INCHES
 LQRP = 474.8100 INCHES XMRP = .0000 INCHES
 SREP = 936.6900 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0005 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = .030
 ELV-LO = -10.000 ELV-LI = 10.000
 ELV-RI = -10.000 ELV-RO = -30.000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 104/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMET	CHMEG	CLM	CN	CAP	CYN	CBL	CY	XCP/L	CAB
.200	-10.320	-.01150	.05280	.08440	-.63450	.03477	.00900	.03190	-.02400	.70100	.03966
.200	-8.420	-.01410	.04670	.07690	-.52320	.01612	.00890	.02950	-.02500	.70600	.03319
.200	-6.330	-.01530	.04070	.07000	-.41750	.02863	.00870	.02780	-.02400	.71400	.03905
.200	-4.240	-.01650	.03690	.06840	-.32320	.03750	.00860	.02700	-.02500	.73000	.03897
.200	-2.180	-.01720	.03370	.06680	-.22430	.04356	.00820	.02610	-.02500	.76100	.03933
.200	-.100	-.01840	.03210	.06640	-.12950	.04668	.00790	.02500	-.02300	.84000	.03753
.200	2.000	-.01970	.03050	.06580	-.03350	.04431	.00770	.02490	-.02300	1.36500	.03739
.200	4.040	-.02170	.02960	.06550	.06020	.03908	.00770	.02450	-.02400	.85200	.03661
.200	6.140	-.02290	.02810	.06450	.15990	.02982	.00820	.02500	-.02300	.83300	.03603
.200	8.220	-.02690	.02570	.06260	.25870	.01598	.00850	.02530	-.02700	.56300	.03612
.200	10.330	-.03230	.02120	.06500	.35650	.00298	.00880	.02690	-.02900	.55500	.03754
.200	12.390	-.04200	.01450	.06510	.45760	-.01313	.00910	.02780	-.03200	.55900	.03869
.200	14.310	-.05020	.00510	.06450	.56870	-.03042	.00940	.02700	-.03200	.51000	.04041
.200	16.590	-.06180	.00160	.06480	.67790	-.04685	.00960	.02880	-.03300	.61700	.04260
.200	18.750	-.07680	.00060	.06520	.78710	-.06165	.01040	.03140	-.03500	.62100	.04518
.200	20.850	-.10000	-.01460	.06000	.89870	-.08232	.00980	.03150	-.02800	.62700	.04947
.200	22.910	-.11550	-.02540	.05150	1.02610	-.07382	.00950	.03270	-.03100	.63300	.05203
.200	25.540	-.11590	-.04560	.03920	1.16590	-.08922	.00930	.03320	-.02700	.63900	.05653
.200	GRADIENT	-.00062	-.00086	-.00033	.04620	.00021	-.00011	-.00030	.00019	-.01556	-.00027

0A1198 862C12F10M16M28M127E55V8 R3 X9

(RFS185) (18 NOV 74)

REFERENCE DATA

BREF = 2690.0100 80.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 RREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = -10.000 ELV-LI = 10.000
 ELV-RI = -10.000 ELV-RO = -10.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 185/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMET	CHNEO	CLM	CN	CAF	CYN	CBL	CV	XCP/L	CAB
.200	-10.490	-.01190	.05230	.06340	-.56890	-.00772	.00280	.02020	-.01700	.69100	.03941
.200	-8.390	-.01410	.04630	.05680	-.48250	.00469	.00310	.01970	-.01700	.69700	.03933
.200	-6.310	-.01500	.04030	.05420	-.36100	.01765	.00330	.01860	-.01700	.70400	.03893
.200	-4.230	-.01600	.03670	.05360	-.28810	.02773	.00340	.01850	-.01700	.72000	.03838
.200	-2.150	-.01690	.03360	.05340	-.19310	.03380	.00370	.01820	-.01800	.75400	.03829
.200	-.070	-.01760	.03210	.05380	-.10230	.03615	.00390	.01790	-.01800	.84600	.03806
.200	1.980	-.01940	.03040	.05460	-.00870	.03468	.00390	.01790	-.01900	2.96100	.03782
.200	4.070	-.02170	.02960	.05490	.08610	.02911	.00410	.01780	-.01900	.41700	.03731
.200	6.150	-.02230	.02800	.05430	.18270	.02037	.00440	.01840	-.02000	.54200	.03642
.200	8.250	-.02680	.02550	.05300	.28270	.00803	.00440	.01870	-.02100	.58300	.03636
.200	10.330	-.03220	.02110	.05330	.38110	-.00691	.00430	.01930	-.02200	.60000	.03794
.200	12.460	-.04190	.01420	.05480	.48410	-.02234	.00490	.02090	-.02300	.61000	.03877
.200	14.500	-.04980	.00800	.05400	.59030	-.03838	.00560	.02070	-.02500	.61800	.04034
.200	16.640	-.06220	.00130	.05040	.71100	-.05571	.00570	.02020	-.02500	.62600	.04262
.200	18.740	-.07770	.00010	.04640	.83030	-.07292	.00570	.02000	-.02600	.63100	.04542
.200	20.840	-.11110	-.01540	.03610	.95220	-.07437	-.00060	.01850	-.01700	.63800	.04825
.200	22.940	-.11590	-.02660	.02870	1.07720	-.08658	-.00010	.01800	-.01900	.64200	.05222
.200	25.080	-.11540	-.04600	.01910	1.21050	-.10006	.00100	.02000	-.01800	.64600	.05599
.200	GRADIENT	-.00067	-.00084	.00018	.04500	.00018	.00008	-.00008	-.00024	.07656	-.00013

0A1198 862C12F10H16N20W127E35V8 R5 X9

(R9186) (18 NOV 74)

REFERENCE DATA

SREF = 2690 7100 SQ.FT. XREF = 1076.6800 INCHES
 LREF = 474.8100 INCHES YREF = .0000 INCHES
 BREF = 936.6800 INCHES ZREF = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = 10.000 ELV-L1 = 10.000
 ELV-RI = -10.000 ELV-RO = 10.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 186/ 0 RN/L : 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHMEQ	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.410	-.02260	-.05920	.00220	-.46820	-.00549	.00330	.01590	-.01500	.65400	.04135
.200	-8.310	-.02480	-.01120	-.00080	-.36280	.00766	.00320	.01480	-.01500	.65100	.04133
.200	-6.240	-.02610	-.01260	-.00320	-.26740	.02064	.00320	.01410	-.01500	.64700	.04090
.200	-4.150	-.02630	-.01380	-.00270	-.17450	.02974	.00340	.01430	-.01400	.64600	.04037
.200	-2.070	-.02650	-.01580	-.00260	-.07940	.03601	.00330	.01420	-.01400	.63900	.03985
.200	.010	-.02760	-.01850	-.00300	.01380	.03807	.00340	.01420	-.01500	.73400	.03945
.200	2.080	-.02820	-.02100	-.00330	.10850	.03350	.00360	.01410	-.01500	.66300	.03872
.200	4.170	-.02960	-.02460	-.00430	.20530	.03004	.00340	.01400	-.01400	.66000	.03813
.200	6.240	-.03200	-.02990	-.00600	.30300	.01972	.00340	.01540	-.01600	.65900	.03811
.200	8.320	-.03790	-.03700	-.00770	.40120	.00757	.00350	.01720	-.01800	.65900	.03759
.200	10.400	-.04470	-.04110	-.00700	.50120	-.00685	.00360	.01830	-.01800	.65700	.03842
.200	12.520	-.05320	-.04830	-.00650	.60470	-.02232	.00380	.01930	-.01900	.65900	.03913
.200	14.620	-.06110	-.05600	-.00530	.71170	-.03678	.00470	.01980	-.02400	.65500	.04115
.200	16.710	-.07340	-.06500	-.01180	.83210	-.05332	.00500	.01900	-.02400	.65700	.04321
.200	18.810	-.08900	-.06280	-.01630	.95580	-.07356	.00550	.01700	-.02400	.65800	.04530
.200	20.920	-.11360	-.07050	-.02040	1.06710	-.07439	-.00250	.01210	-.00900	.65900	.04945
.200	23.020	-.13150	-.08050	-.02540	1.16500	-.08257	-.00140	.01690	-.01600	.66000	.05251
.200	25.110	-.12430	-.08950	-.02000	1.27760	-.08990	.00200	.01990	-.02300	.65800	.05557
.200	GRADIENT	-.00040	-.00129	-.00019	.04557	.00000	.00001	-.00003	-.00005	.00250	-.00029

ORIGINAL PAGE IS
 OF POOR QUALITY

0A1198 862C12F10M16N20W127E55V0 R3 X9

(RFP1977) (18 NOV 74)

REFERENCE DATA

XREF = 2600.0100 SQ.FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = 10.000
 ELV-RJ = -10.000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 107/ C RW/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.450	-.01670	.02450	.03420	-.52680	-.01026	.00330	.01830	-.01800	.67600	.04029
.200	-8.360	-.01780	.02250	.03130	-.42590	.00234	.00340	.01710	-.01700	.67900	.03997
.200	-6.270	-.01840	.01960	.02780	-.32600	.01487	.00350	.01620	-.01600	.68300	.04042
.200	-4.180	-.01920	.01690	.02750	-.23080	.02554	.00370	.01650	-.01700	.69000	.03916
.200	-2.100	-.01970	.01500	.02730	-.13980	.03147	.00380	.01640	-.01700	.72400	.03886
.200	-.010	-.02000	.01380	.02750	-.04440	.03347	.00390	.01620	-.01700	.88000	.03849
.200	2.040	-.02040	.01200	.02800	.04790	.03143	.00390	.01600	-.01700	.43700	.03808
.200	4.120	-.02110	.00970	.02820	.14210	.02600	.00390	.01580	-.01700	.57900	.03762
.200	6.210	-.02320	.00590	.02590	.24090	.01695	.00410	.01640	-.01900	.61200	.03659
.200	8.300	-.02830	.00560	.02420	.34060	.00360	.00390	.01710	-.01800	.62600	.03703
.200	10.370	-.03560	-.00350	.02330	.43850	-.01053	.00420	.01880	-.02100	.63100	.03758
.200	12.460	-.04430	-.01100	.02830	.53620	-.02637	.00460	.01960	-.02200	.63200	.03894
.200	14.540	-.05260	-.02000	.02780	.64440	-.04195	.00530	.01970	-.02500	.63600	.04039
.200	16.670	-.06550	-.02880	.02050	.77280	-.06004	.00520	.01910	-.02400	.64200	.04298
.200	18.790	-.08070	-.02740	.01570	.89330	-.07731	.00560	.01730	-.02500	.64500	.04516
.200	20.900	-.10140	-.03780	.00870	1.01250	-.08001	-.00090	.01430	-.01500	.64900	.04826
.200	22.980	-.12180	-.05400	.00170	1.13110	-.08719	-.00110	.01610	-.01600	.65100	.05184
.200	25.120	-.11900	-.07040	-.00500	1.25750	-.09943	.00060	.01910	-.01700	.65300	.05537
GRADIENT		-.00022	-.00084	.00010	.04496	.00004	.00002	-.00009	-.00000	-.02500	-.00019

0A1198 868C12F10M16N26W12E55V8 R5 X9

(RF9100) (18 NOV 74)

REFERENCE DATA

MRP = 2699.0100 39.FT. MRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES MRP = .0000 INCHES
 MREF = 936.6000 INCHES MRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDPLAF = .000
 ELV-LO = -10.000 ELV-LI = -10.000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 188/ 0 RW/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CV	XCF/L	CAB
.200	-10.490	.1120	.0690	.07130	-.60740	-.01064	-.00480	-.01680	.00700	.69500	.03783
.200	-8.390	.10310	.05620	.06370	-.49500	.00138	-.00350	-.01430	.00500	.69900	.03789
.200	-6.300	.09970	.05050	.05970	-.39340	.01486	-.00290	-.01380	.00300	.70800	.03775
.200	-4.220	.09390	.04600	.05310	-.30270	.02423	-.00320	-.01400	.00600	.72400	.03738
.200	-2.120	.09090	.04210	.05040	-.20630	.03139	-.00350	-.01450	.00600	.75700	.03692
.200	-.070	.08940	.03900	.05970	-.11470	.03386	-.00370	-.01490	.00800	.84300	.03646
.200	1.990	.08800	.03710	.06000	-.02030	.03213	-.00410	-.01540	.01000	1.72400	.03636
.200	4.070	.08620	.03540	.06000	.07350	.02710	-.00450	-.01580	.01200	.35100	.03538
.200	6.160	.08360	.03450	.06100	.16630	.01809	-.00500	-.01650	.01400	.51700	.03477
.200	8.240	.08480	.03270	.06030	.26270	.00557	-.00540	-.01720	.01600	.56700	.03523
.200	10.330	.08190	.02910	.06230	.35920	-.00902	-.00370	-.01720	.01800	.58800	.03573
.200	12.430	.07900	.02430	.06370	.45920	-.02395	-.00630	-.01740	.02100	.59900	.03665
.200	14.540	.07600	.01800	.06640	.56600	-.04076	-.00740	-.01810	.02400	.60900	.03921
.200	16.600	.06690	.01270	.06170	.68490	-.07469	-.00770	-.01870	.02500	.61900	.04117
.200	18.730	.05680	.01310	.05620	.80770	-.09025	-.00810	-.02150	.02800	.62600	.04417
.200	20.850	.04450	.00320	.05250	.92670	-.09072	-.01280	-.02270	.02900	.63100	.04644
.200	22.930	.02360	-.00800	.04610	1.04470	-.09061	-.01090	-.02310	.03800	.63600	.04907
.200	25.070	.02150	-.01440	.04410	1.15870	-.10061	-.01050	-.02310	.04200	.63800	.05339
.200	GRADIENT	-.00086	-.00127	.00012	.04344	.00031	-.00015	-.00022	.00077	.01047	-.00022

0A1198 808C12F10M16N20M12T53SV8 R3 X9

(RFP169) (18 NOV 74)

REFERENCE DATA

BREF = 2890.0100 30-FT. ZMRP = 1076.0800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 938.0800 INCHES ZMRP = 379.0000 INCHES
 SCALE = .2405 SCALE

PARAMETRIC DATA

BEYA = .000 BOFLAP = .000
 ELV-LO = .000 ELV-LI = 20.000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 189/ 0 RN/L = 1.42 GRADIENT INTERVAL = -5.00/ 6.00

MACH	ALPHA	CHWEI	CHWEO	CLM	CN	CAP	CYN	CBL	CY	XCP/L	CAS
.200	-10.350	-.08050	.02360	-.01440	-.41960	-.00362	.00070	.01430	-.01300	.63900	.04203
.200	-8.250	-.08260	.02080	-.01630	-.38160	.00861	.00090	.01410	-.01300	.63300	.04292
.200	-6.170	-.08660	.01840	-.01770	-.22630	.02142	.00095	.01390	-.01200	.62300	.04251
.200	-4.080	-.08870	.01570	-.01830	-.13160	.03075	.00110	.01400	-.01200	.60100	.04200
.200	-2.010	-.08930	.01410	-.01800	-.04040	.03541	.00120	.01370	-.01200	.48800	.04222
.200	.050	-.08910	.01260	-.01740	.03100	.03690	.00110	.01340	-.01200	.77700	.04169
.200	2.130	-.08860	.01060	-.01650	.14430	.03424	.00140	.01310	-.01200	.69400	.04079
.200	4.210	-.08990	.00790	-.01560	.23730	.02713	.00120	.01280	-.01200	.67600	.04053
.200	6.320	-.09770	.00320	-.01890	.33960	.01812	.00140	.01340	-.01300	.67200	.03901
.200	8.380	-.10950	-.00290	-.02340	.44360	.00335	.00140	.01480	-.01400	.67100	.03931
.200	10.450	-.11870	-.01010	-.02480	.54630	-.00926	.00160	.01690	-.01700	.66900	.04019
.200	12.550	-.12810	-.01670	-.02390	.64810	-.02536	.00180	.01770	-.01800	.66500	.04140
.200	14.650	-.13830	-.02480	-.02310	.75840	-.04164	.00250	.01790	-.02200	.66400	.04315
.200	16.770	-.14990	-.03320	-.03170	.86130	-.05981	.00230	.01790	-.02100	.66500	.04608
.200	18.870	-.16490	-.03270	-.03680	1.00440	-.07624	.00250	.01630	-.02100	.66900	.04818
.200	21.000	-.18390	-.04380	-.04610	1.13040	-.07748	-.00320	.01320	-.00700	.66700	.05216
.200	23.110	-.20540	-.06390	-.05560	1.25740	-.08460	-.00360	.01750	-.00800	.66800	.05716
.200	25.220	-.19100	-.08290	-.06530	1.38900	-.09686	-.00350	.01780	-.00400	.66900	.06302
.200	GRADIENT	-.00008	-.00092	.00031	.04452	-.00041	.00002	-.00014	-.00000	.01714	-.00021



0A1198 862C12F10M16N20W127E59V8 R5 X9

(RFS190) (18 NOV 74)

REFERENCE DATA

REF = 8690.0100 90.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
BREF = 936.8800 INCHES ZMRP = 375.0000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 B0SLAP = .000
ELV-LO = .000 ELV-LI = .000
ELV-RI = .000 ELV-RO = .000
RUDDER = .000 SPOBRK = 25.00L

RUN NO. 190/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHWEI	CHWEO	CLM	CN	CAF	CYN	CBL	CV	XCP/L	CAB
.200	-10.430	.04290	.03260	.03260	-.51790	-.01574	-.00100	-.00070	.00000	.67400	.04030
.200	-8.340	.04310	.02730	.02770	-.41420	-.00223	-.00030	-.00030	.00100	.67600	.03966
.200	-6.240	.03990	.02320	.02360	-.31760	.01067	-.00020	-.00020	.00000	.68200	.03943
.200	-4.180	.03900	.01980	.02460	-.22410	.02091	-.00020	-.00010	.00000	.69200	.03829
.200	-2.100	.03830	.01750	.02420	-.12930	.02663	-.00020	-.00010	.00000	.72100	.03847
.200	-.030	.03740	.01620	.02360	-.03740	.02895	-.00020	-.00010	.00000	.88500	.03766
.200	2.050	.03600	.01460	.02340	.05800	.02723	-.00030	.00000	.00100	.50400	.03731
.200	4.130	.03460	.01260	.02330	.15400	.02134	-.00040	-.00020	.00200	.59600	.03668
.200	6.220	.03200	.00990	.02250	.24960	.01167	-.00070	-.00030	.00300	.61900	.03593
.200	8.300	.02690	.00500	.02120	.34780	-.00203	-.00080	.00000	.00300	.62900	.03635
.200	10.370	.02300	.00100	.02290	.44500	-.01632	-.00100	.00030	.00500	.63300	.03648
.200	12.470	.01730	-.00330	.02590	.54440	-.03266	-.00120	.00000	.00600	.63400	.03792
.200	14.560	.01250	-.01150	.02600	.65220	-.04882	-.00160	.00000	.00700	.63700	.04009
.200	16.690	.00990	-.01970	.01980	.77700	-.06641	-.00190	-.00020	.00800	.64200	.04231
.200	18.800	-.01100	-.01920	.01310	.89760	-.08396	-.00160	-.00200	.00700	.64600	.04479
.200	20.910	-.02230	-.02900	.01150	1.01820	-.09906	-.00200	-.00270	.00800	.64800	.04676
.200	23.000	-.04290	-.04170	.00400	1.13340	-.09560	-.00790	-.00420	.01900	.65100	.05054
.200	25.130	-.04660	-.05130	.00080	1.25150	-.10615	-.00710	-.00510	.02400	.65200	.05469
.200	GRADIENT	-.00953	-.00083	-.00016	.04535	.00007	-.00002	-.00000	.00024	-.01967	-.00021

0A1198 862C12F10H16N20W127E60V8 R3 X9

(RF9191) (18 NOV 74)

REFERENCE DATA

SREF = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BRFP = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 191/ 0 EN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CMMEI	CMWEO	CLM	CN	CAF	CYN	CSL	CY	XCF/L	CAB
.200	-10.400	.03520	.03020	.02990	-.51090	-.01407	-.00080	.00030	-.00100	.67300	.04023
.200	-8.320	.04810	.02760	.02680	-.41160	-.00153	-.00030	.00070	-.00200	.67600	.04010
.200	-6.230	.04470	.02390	.02460	-.31130	.01206	-.00020	.00070	-.00100	.68100	.03965
.200	-4.160	.04390	.02060	.02390	-.21740	.02173	-.00010	.00070	.00000	.69200	.03886
.200	-2.030	.04320	.01840	.02370	-.12300	.02709	-.00020	.00070	.00000	.72200	.03857
.200	.000	.04200	.01710	.02360	-.03340	.02924	-.00020	.00050	.00000	.91200	.03792
.200	2.060	.04050	.01530	.02310	.06280	.02728	-.00020	.00040	.00000	.51600	.03772
.200	4.140	.03380	.01310	.02330	.15690	.02162	-.00020	.00020	.00000	.59700	.03694
.200	6.220	.03620	.00990	.02290	.25150	.01188	-.00020	.00000	.00100	.61800	.03649
.200	8.300	.03070	.00470	.02110	.35050	-.00073	-.00020	.00000	.00200	.63000	.03625
.200	10.380	.02500	-.00040	.02120	.45220	-.01545	-.00040	-.00050	.00300	.63500	.03638
.200	12.490	.01970	-.00530	.02330	.55310	-.03155	-.00040	-.00140	.00300	.63600	.03787
.200	14.600	.01350	-.01360	.02340	.66140	-.04778	-.00090	-.00120	.00500	.63900	.04033
.200	16.690	.00000	-.02380	.01740	.78070	-.06456	-.00130	-.00110	.00700	.64400	.04237
.200	18.790	-.01360	-.02610	.01500	.89810	-.08146	-.00160	-.00260	.00700	.64600	.04549
.200	20.880	-.03310	-.03610	.01190	1.00480	-.08236	-.00820	-.00710	.01900	.64700	.04829
.200	23.010	-.05260	-.04900	.00830	1.12120	-.08994	-.00780	-.00430	.01800	.64900	.05148
.200	25.110	-.04990	-.05760	.00440	1.24030	-.10167	-.00720	-.00500	.02300	.65000	.05372
.200	GRADIENT	-.00062	-.00087	-.00009	.04521	.00000	-.00001	-.00006	.00000	-.01906	-.00023



(RF9198) (18 NOV 74)

041198 862C12F12M16N28M127E55V8 R5 X9

REFERENCE DATA

REF = 2880.0100 80-FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 RREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = -20.000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 192/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMET	CHMEO	CLW	CN	CAF	CYN	CBL	CV	XCF/L	CAB
.200	-10.940	.05460	.03230	.08510	-.64150	-.00725	.00490	.01840	-.01800	.70100	.03709
.200	-8.430	.04780	.02850	.07580	-.58250	.00346	.00550	.01640	-.01800	.70500	.03695
.200	-6.330	.04360	.02440	.06930	-.41670	.01856	.00540	.01510	-.01700	.71300	.03737
.200	-4.240	.04200	.02130	.06880	-.32160	.02845	.00560	.01530	-.01700	.73100	.03681
.200	-2.160	.04170	.01870	.06840	-.22800	.03701	.00600	.01560	-.01900	.76200	.03540
.200	-.090	.04050	.01700	.06800	-.13410	.03940	.00600	.01580	-.01900	.83900	.03565
.200	1.970	.03910	.01530	.06800	-.04060	.03777	.00580	.01570	-.01800	1.26600	.03563
.200	4.060	.03790	.01320	.06800	.05590	.03282	.00580	.01590	-.01800	.20400	.03494
.200	6.140	.03540	.01000	.06750	.15120	.02323	.00570	.01630	-.01800	.48800	.03498
.200	8.230	.03030	.00580	.06750	.24480	.01135	.00570	.01720	-.01800	.55000	.03572
.200	10.320	.02550	.00130	.07070	.33820	-.00316	.00610	.01820	-.02000	.57500	.03620
.200	12.400	.02030	-.00010	.07540	.43250	-.01860	.00640	.01850	-.02200	.58800	.03666
.200	14.510	.01480	-.01120	.07740	.53420	-.03350	.00730	.01860	-.02400	.59800	.03667
.200	16.580	.00940	-.02010	.07140	.63490	-.04995	.00730	.01840	-.02400	.61200	.04563
.200	18.690	-.00940	-.01950	.06820	.77290	-.06710	.00710	.01740	-.02300	.61900	.04327
.200	20.810	-.02040	-.02700	.06580	.89570	-.08320	.00710	.01710	-.02400	.62500	.04542
.200	22.950	-.04130	-.04050	.06070	1.00260	-.08115	.00110	.01500	-.01500	.63000	.04968
.200	25.020	-.04000	-.03240	.06130	1.11340	-.09128	.00270	.01730	-.01500	.63200	.05261
.200	27.020	-.00058	-.00095	-.00010	.04546	.00036	.00002	.00007	-.00010	-.02664	-.00017

GRADIENT

DATE 01 MAR 73 TABULATED SOURCE DATA - GA1198

(RF9193) (18 NOV 74)

GA1198 862C12F10M16N20W127E55V8 R5 X9

REFERENCE DATA

SREF = 2880.0:00 SO.FT. HREF = 1076.6800 INCHES
 LREF = 474.8:00 INCHES VREF = .0000 INCHES
 BREF = 926.6800 INCHES ZREF = 379.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BCFLAF = .000
 ELV-LO = .000 ELV-LI = 10.000
 ELV-RI = 5.000 ELV-RO = 20.000
 RUDDER = .000 SFDBRK = 25.000

RUN NO. 193/ 0 RNL = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CHMET	CHMEQ	CLW	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.375	-.01810	.02320	-.03420	-.38620	-.00316	.00800	-.00960	-.00400	.61900	.04362
.200	-9.275	-.01880	.02150	-.03480	-.28940	.01006	.00220	-.01010	-.00300	.60800	.04371
.200	-6.185	-.01930	.01890	-.03490	-.19630	.02246	.00190	-.01000	-.00100	.58600	.04283
.200	-4.100	-.01950	.01625	-.03600	-.10160	.02136	.00160	-.01020	.00000	.52100	.04260
.200	-2.020	-.02030	.01450	-.03770	-.00580	.03772	.00140	-.01130	.00100	-.1.74000	.04173
.200	.040	-.02080	.01320	-.03980	.09090	.03961	.00120	-.01270	.00300	.81300	.04184
.200	2.155	-.02150	.01130	-.04110	.18860	.03800	.00160	-.01380	.00400	.73200	.04102
.200	4.150	-.02250	.00880	-.04420	.28540	.03296	.00150	-.01610	.00600	.70900	.04007
.200	6.310	-.02310	.00470	-.04830	.39250	.02299	.00230	-.01610	.00500	.69700	.04058
.200	8.390	-.03110	-.00070	-.05330	.49740	.01048	.00230	-.01720	.00700	.69100	.03962
.200	10.490	-.03910	-.00740	-.05430	.60080	-.00325	.00190	-.01680	.01000	.68500	.04032
.200	12.370	-.04770	-.01330	-.05130	.70070	-.02126	.00190	-.01630	.01000	.67900	.04088
.200	14.670	-.05600	-.02220	-.05050	.80540	-.03827	.00160	-.01510	.01100	.67500	.04297
.200	16.780	-.06920	-.03030	-.05590	.92850	-.05473	.00200	-.01460	.01100	.67400	.04515
.200	18.870	-.08450	-.02960	-.05980	1.04830	-.07177	.00170	-.01590	.01300	.67300	.04796
.200	20.980	-.10760	-.04120	-.06330	1.16030	-.07194	-.00570	-.01700	.02400	.67200	.05142
.200	23.080	-.12680	-.05720	-.06890	1.27600	-.07751	-.00250	-.00920	.01500	.67200	.05645
.200	25.200	-.12290	-.07260	-.06830	1.38940	-.09056	.00070	-.00650	.00800	.67000	.05999
.200	GRADIENT	-.00033	-.00087	-.00095	.04667	.00017	.00000	-.00069	.00072	.13707	-.00028



(RFS194) (18 NOV 74)

QJ1108 008C12P10M10N20M127E33V8 R3 X9

PARAMETRIC DATA

BETA = .000 BOFLAP = .000
 ELV-LO = .000 ELV-LI = 5.000
 ELV-RI = 5.000 ELV-RO = 20.000
 RUDDER = .000 SPDBRK = 25.000

REFERENCE DATA

AREP = 2000.0100 30.FT. XMRP = 1076.0000 INCHES
 CREP = 474.8100 INCHES YMRP = .0000 INCHES
 BRCP = 936.0000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0000 SCALE

RUN 3. 194/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMET	CHWEO	CLM	CN	CAP	CYN	CSL	CV	ICP/L	CAS
.200	-10.300	.0150	.0200	-.0220	-.4090	-.0251	.0210	-.0130	-.0010	.6310	.04303
.200	-8.270	.0110	.0220	-.0230	-.3100	.0070	.0210	-.0130	.0000	.6220	.04285
.200	-6.200	.0100	.0200	-.0230	-.2150	.0199	.0210	-.0130	.0000	.6090	.04239
.200	-4.100	.0100	.0170	-.0270	-.1180	.0320	.0210	-.0140	.0010	.5660	.04170
.200	-2.030	.0100	.0130	-.0280	-.0260	.0387	.0210	-.0140	.0040	.5400	.04110
.200	.050	.0100	.0140	-.0330	.0730	.0380	.0210	-.0160	.0060	.5050	.04072
.200	2.130	.0080	.0120	-.0310	.1670	.0356	.0210	-.0170	.0080	.4720	.04037
.200	4.190	.0060	.0090	-.0310	.2610	.0257	.0210	-.0180	.0100	.4560	.03971
.200	6.290	.0060	.0060	-.0310	.3600	.0240	.0210	-.0180	.0100	.4650	.03877
.200	8.370	.0050	.0010	-.0360	.4660	.0240	.0210	-.0200	.0100	.4820	.03806
.200	10.460	-.0020	-.0040	-.0400	.5720	-.0270	.0210	-.0200	.0100	.4760	.03970
.200	12.560	-.0100	-.0090	-.0370	.6710	-.0270	.0210	-.0200	.0100	.4720	.04023
.200	14.650	-.0190	-.0190	-.0340	.7730	-.0190	.0210	-.0190	.0100	.4680	.04140
.200	16.750	-.0330	-.0260	-.0400	.8720	-.0565	.0210	-.0190	.0100	.4690	.04450
.200	18.860	-.0480	-.0260	-.0480	1.0190	-.0736	.0210	-.0200	.0100	.4680	.04770
.200	20.960	-.0690	-.0370	-.0480	1.1810	-.0740	-.0560	-.0210	.0200	.4670	.05017
.200	23.060	-.0870	-.0520	-.0510	1.2420	-.0797	-.0640	-.0210	.0200	.4670	.05240
.200	25.140	-.0810	-.0630	-.0490	1.3500	-.0921	-.0610	-.0200	.0100	.4650	.05634
GRADIENT		-.0027	-.0003	-.0030	.0460	-.0004	-.0014	-.00048	.00106	.53506	-.00022

CA1198 868C12F10N16N20W127E35V8 R5 X9

(RFS19-3) (10 NOV 74)

REFERENCE DATA

SHEP = 2650.0100 SQ.FT. XMRP = 1576.6800 INCHES
 LREF = 474.8100 INCHES XMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BCFLAP = .000
 ELV-LO = 10.000 ELV-LI = 20.000
 ELV-RI = .000 ELV-RO = -10.000
 RUDDER = .000 SPOBRK = 25.000

RUN NO. 195/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.190	-.06730	-.01330	-.01070	-.42900	-.00105	-.00070	.03050	-.01500	.64300	.04290
.200	-8.290	-.05250	-.01630	-.01240	-.39070	.01163	-.00060	.03070	-.01400	.63800	.04331
.200	-6.200	-.05310	-.01840	-.01510	-.23350	.02445	-.00010	.03050	-.01600	.62800	.04267
.200	-4.120	-.05340	-.01890	-.01530	-.13950	.03334	.00020	.02990	-.01700	.61100	.04220
.200	-2.060	-.05210	-.02050	-.01550	-.04670	.03859	.00070	.02950	-.01800	.53000	.04207
.200	.030	-.05070	-.02350	-.01550	.04790	.03981	.00100	.02960	-.01900	.77100	.04101
.200	2.050	-.04940	-.02680	-.01560	.14100	.03733	.00150	.02980	-.02100	.69300	.04139
.200	4.170	-.04800	-.03070	-.01500	.23450	.03072	.00160	.03000	-.02200	.67500	.04050
.200	6.290	-.10230	-.03620	-.01720	.33150	.02117	.00190	.03090	-.02400	.67100	.03991
.200	8.360	-.11590	-.04480	-.02200	.43920	.00864	.00200	.03260	-.02600	.67000	.03938
.200	10.440	-.13260	-.05170	-.02550	.54530	-.00590	.00200	.03350	-.02800	.66900	.04067
.200	12.530	-.14620	-.05540	-.02550	.64840	-.02115	.00180	.03460	-.03000	.66600	.04143
.200	14.610	-.15570	-.06360	-.02700	.76070	-.03767	.00220	.03520	-.03100	.66500	.04338
.200	16.740	-.16740	-.07220	-.03210	.87890	-.05474	.00220	.03550	-.03300	.66500	.04524
.200	18.860	-.18060	-.06930	-.03400	.99660	-.07279	.00300	.03450	-.03300	.66400	.04829
.200	20.980	-.20330	-.07610	-.04240	1.11570	-.07095	-.00640	.02760	-.01600	.66600	.05303
.200	23.070	-.22260	-.09220	-.05330	1.24940	-.07916	-.00750	.03050	-.01500	.66800	.05789
.200	25.210	-.21040	-.10620	-.06550	1.37370	-.09193	-.00840	.02750	-.00600	.66800	.06323
.200	GRADIENT	.00548	-.00144	.00002	.04314	-.00031	.00017	.00002	-.00063	.01408	-.00020



041108 062C12710416N204127E5508 R5 X9

(RFS106) (18 NOV 74)

REFERENCE DATA

SREF = 2000.0100 SQ.FT. XREF = 1076.0000 INCHES
 LREF = 474.0100 INCHES YREF = .0000 INCHES
 SREF = 936.0000 INCHES ZREF = 373.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAF = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-HI = .000 ELV-RO = .000
 RUDDER = .000 SFCBRK = 83.000

RUN NO. 156/ 0 RML = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CWHL	CWHEQ	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.460	.04950	.03130	.06870	-.54770	.01328	-.00170	-.00070	.00100	.69000	.03649
.200	-8.300	.04360	.02760	.06570	-.44630	.02534	-.00390	-.00010	.00000	.70600	.03664
.200	-6.280	.04010	.02400	.06400	-.35080	.03867	-.00060	-.00010	.00000	.71900	.03617
.200	-4.210	.03920	.02100	.06360	-.25700	.04908	-.00070	.00000	.00000	.74300	.03576
.200	-2.140	.03840	.01800	.06380	-.16300	.05602	-.00060	-.00010	.00100	.79600	.03480
.200	-.010	.03720	.01600	.06450	-.06830	.05974	-.00070	-.00020	.00100	.99900	.03298
.200	2.020	.03600	.01510	.06600	.02510	.05939	-.00060	-.00030	.00100	-.32800	.03145
.200	4.120	.03480	.01300	.06770	.11890	.05392	-.00070	-.00040	.00200	.44200	.03010
.200	6.180	.03240	.00980	.06620	.21250	.04516	-.00070	-.00050	.00200	.53400	.02816
.200	8.290	.02720	.00520	.06660	.31230	.03408	-.00110	-.00040	.00300	.57100	.02679
.200	10.390	.02260	.00070	.07130	.40590	.02008	-.00120	-.00030	.00400	.56800	.02561
.200	12.450	.01720	-.00030	.07380	.50740	.00391	-.00140	-.00040	.00500	.59800	.02462
.200	14.550	.01200	-.01200	.07390	.61720	-.01223	-.00130	-.00160	.00600	.60800	.02323
.200	16.640	-.00520	-.02000	.07020	.73330	-.02935	-.00190	-.00230	.00700	.61700	.02162
.200	18.750	-.01250	-.02010	.06520	.85810	-.04624	-.00150	-.00330	.00600	.62400	.02161
.200	20.970	-.02380	-.02810	.06000	.97840	-.06332	-.00200	-.00360	.00700	.62900	.02329
.200	22.980	-.04450	-.04390	.05210	1.09480	-.06375	-.00910	-.00590	.02200	.63400	.02840
.200	25.000	-.04380	-.05410	.04770	1.21130	-.07504	-.00760	-.00440	.02500	.63700	.02223
.200	GRADIENT	-.00054	-.00093	.00054	.04314	.00062	-.00000	-.00000	.00019	-.08256	-.00070

041198 862C12F10M16N20W127E53V8 R5 X9 (R5197) (18 NOV 74)

REFERENCE DATA

SRF = 2895.0100 SQ.FT. RMF = 1076.6800 INCHES
LRF = 474.8100 INCHES YRF = .0000 INCHES
SRF = 938.6800 INCHES ZRF = 379.0000 INCHES
SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = .000 BCLAP = .000
ELV-LO = .000 ELV-LI = .000
ELV-RI = .000 ELV-RO = .000
RUDDER = .000 SPCBRK = 85.000

RUN NO. 187/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMET	CHMEG	CLM	CN	CAF	CYN	CBL	CY	YCF/L	CAB
.200	-5.070	.04290	.01730	.06440	-.06100	.05809	-.00370	.00220	.08500	1.04000	.03129
.200	-3.060	.04080	.01710	.06470	-.06410	.06012	-.00300	.00070	.05100	1.02300	.03123
.200	-2.030	.03970	.01700	.06540	-.06500	.05993	-.00200	.00020	.03400	1.02200	.03211
.200	-1.020	.03850	.01700	.06630	-.06660	.06150	-.00130	-.00010	.01800	1.01800	.03180
.200	-.030	.03730	.01690	.06520	-.06680	.05976	-.00060	-.00030	.00100	1.01100	.03310
.200	.990	.03590	.01680	.06460	-.06720	.05992	.00050	-.00050	-.01600	1.00600	.03289
.200	1.970	.03480	.01680	.06470	-.06660	.05904	.00140	-.00070	-.03300	1.00800	.03333
.200	2.980	.03370	.01680	.06320	-.06520	.05859	.00250	-.00120	-.05000	1.00900	.03284
.200	5.030	.03160	.01670	.06180	-.06290	.05588	.00560	-.00290	-.08700	1.01300	.03351
.200	7.040	.02980	.01670	.05990	-.05940	.05365	.00990	-.00510	-.12300	1.02300	.03206
.200	9.060	.02840	.01670	.05470	-.05510	.04793	.01570	-.00810	-.16700	1.01700	.03128
.200	11.070	.02730	.01660	.04510	-.04370	.03836	.01950	-.00990	-.20500	1.01500	.03173
GRADIENT	-.05115	-.05506	-.05021	-.05026	-.05021	-.00024	.00104	-.00042	-.01692	-.00273	.00525



QAL198 862C12F10M16N20W127E55V6 R5 X9

(RFS198) (18 NOV 74)

REFERENCE DATA

ZREF = 2690.0100 88-FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 938.6800 INCHES ZMRP = 578.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BDPLAF = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 89.500

RUN NO. 198/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-3.070	.02900	.01060	.06280	.17230	.04390	-.00640	.00550	.08900	.51800	.00061
.200	-3.000	.03720	.01090	.06300	.17100	.04875	-.00330	.00260	.05400	.51200	.00875
.200	-2.920	.03600	.01100	.06620	.17020	.05014	-.00240	.00140	.03600	.50900	.04925
.200	-1.850	.03510	.01120	.06990	.16660	.05208	-.00150	.00020	.02000	.49700	.04892
.200	-1.030	.03390	.01140	.06800	.16640	.05097	-.00070	-.00060	.00300	.50300	.04890
.200	.970	.03260	.01160	.06740	.16780	.05028	.00020	-.00150	-.01400	.50400	.05011
.200	1.980	.03130	.01180	.06450	.16980	.04856	.00110	-.00250	-.03100	.51200	.05065
.200	3.010	.03000	.01180	.06240	.17030	.04683	.00230	-.00350	-.04900	.51700	.05125
.200	5.040	.02730	.01180	.06100	.17170	.04569	.00350	-.00640	-.06600	.52100	.05160
.200	7.040	.02440	.01170	.06070	.17420	.04375	.00970	-.01000	-.12500	.52400	.05205
.200	9.070	.02230	.01180	.05830	.17750	.04004	.01450	-.01380	-.16500	.53100	.05143
.200	11.080	.02150	.01260	.05110	.18550	.03295	.01900	-.01760	-.20400	.55000	.05124
.200	GRADIENT	-.00117	.00014	-.00029	-.00006	-.00015	.00109	-.00111	-.01721	.00055	.00020

041198 962C12F10M12N20M127E55V8 R5 X9

(R09189) (18 NOV 74)

REFERENCE DATA

SRFP = 2890.2100 SQ.FT. XMRP = 1076.6000 INCHES
 LRFP = 474.8100 INCHES YMRP = .0000 INCHES
 BRFP = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 85.000

RUN NO. 199/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHHEI	CHHEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-5.070	.72800	-.00020	.06300	.41460	.01435	-.00710	.01020	.08900	.59600	.04856
.200	-3.010	.72600	.00000	.06370	.41080	.01839	-.00400	.00550	.05500	.59000	.04638
.200	-2.030	.72470	.00030	.06880	.41090	.01832	-.00310	.00340	.03900	.59000	.04738
.200	-1.050	.72360	.00040	.07100	.40980	.02078	-.00200	.00150	.02100	.58800	.04624
.200	-.020	.72250	.00060	.07030	.41030	.02039	-.00120	-.00020	.00500	.58900	.04639
.200	.970	.72140	.00090	.07010	.41100	.01963	-.00030	-.00210	-.01100	.58900	.04747
.200	1.990	.72040	.00110	.06750	.41140	.01829	.00050	-.00410	-.02800	.59100	.04773
.200	3.050	.71970	.00160	.06700	.41160	.01798	.00150	-.00620	-.04500	.59200	.04642
.200	5.050	.71700	.00220	.06200	.41550	.01380	.00490	-.01100	-.06400	.59700	.04963
.200	7.050	.71350	.00270	.06020	.41820	.01278	.00890	-.01630	-.12200	.59900	.05042
.200	9.060	.71040	.00290	.05430	.42460	.00833	.01320	-.02130	-.16100	.60500	.05164
.200	11.080	.70930	.00280	.04760	.43110	.00176	.01730	-.02590	-.19900	.61100	.05273
.200	GRADIENT	-.03108	.00024	-.00017	.00012	-.00007	.00109	-.00223	-.01693	.00018	.00009



DATE 01 MAR 75 TABULATED SOURCE DATA - 041198

(RF9200) (18 NOV 74)

041198 868C18F10M16N26W127E55V8 R5 X0

REFERENCE DATA

SRCP = 2600.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LRCP = 474.8100 INCHES YMRP = .0000 INCHES
 BRCP = 936.6800 INCHES ZMRP = 379.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 80FLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 85.000

RUN NO. 200/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-5.050	.01270	-.01610	.06780	.67800	-.02295	-.00650	.01040	.09100	.61500	.04769
.200	-3.040	.01260	-.01660	.07530	.67600	-.02297	-.00310	.00570	.06000	.61400	.04887
.200	-2.020	.01130	-.01710	.07080	.67440	-.02170	-.00380	.00340	.04200	.61300	.04932
.200	-1.010	.00920	-.01740	.07280	.67350	-.02154	-.00270	.00150	.02500	.61200	.05063
.200	-.010	.00650	-.01750	.07330	.67360	-.02080	-.00180	-.00030	.00800	.61200	.05041
.200	.970	.00320	-.01700	.07260	.67500	-.02105	-.00100	-.00230	-.00800	.61200	.04983
.200	1.990	.00020	-.01650	.07040	.67680	-.02166	-.00010	-.00440	-.02600	.61300	.04922
.200	2.990	-.00210	-.01600	.06860	.67920	-.02212	.00100	-.00680	-.04400	.61500	.04795
.200	3.050	-.00500	-.01480	.06690	.68140	-.02189	.00290	-.01250	-.07800	.61600	.04715
.200	7.040	-.00340	-.01280	.06120	.68680	-.02403	.00660	-.01860	-.11500	.61500	.04567
.200	9.070	-.00320	-.01140	.04950	.69780	-.03132	.01100	-.02490	-.15200	.62600	.05053
.200	11.070	-.00410	-.01150	.03630	.71070	-.03932	.01520	-.03040	-.19100	.63300	.05212
GRADIENT	-.00205	-.00013	-.00014	-.00041	.00041	.00010	.00095	-.00218	-.01687	.00010	-.00058

DATE 01 MAR 79

TABULATED SOURCE DATA - 0A1198

0A1198 089C12F10H16N20W127E55V0 R5 X9

(NF9801) (18 NOV 74)

REFERENCE DATA

SRP = 2000.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BRP = 636.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0403 SCALE

ALPHA =
 ELV-LO =
 ELV-RI =
 RUDDER =

20.000 80FLAP = .000
 .000 ELV-LI = .000
 .000 ELV-RO = .000
 .000 SPDBRK = 85.000

PARAMETRIC DATA

RUN NO. 201/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.940	-.02160	-.03810	.05360	.97360	-.05002	-.01360	.00760	.10300	.63100	.03194
.200	-3.530	-.02320	-.03630	.05760	.97360	-.05097	-.01210	.00270	.07300	.63000	.05340
.200	-2.520	-.02330	-.03480	.05750	.97630	-.05162	-.01070	-.00010	.05600	.63000	.05474
.200	-1.010	-.02670	-.03300	.05770	.97750	-.05177	-.00910	-.00280	.03700	.63000	.05467
.200	-.020	-.02770	-.03100	.05840	.97870	-.05244	-.00780	-.00580	.01900	.63000	.05464
.200	.990	-.02820	-.02940	.05880	.98090	-.05359	-.00680	-.00870	.01400	.63000	.05386
.200	1.910	-.02920	-.02800	.05730	.98480	-.05609	-.00550	-.01160	-.01400	.63000	.05324
.200	3.010	-.02940	-.02750	.05390	.98750	-.05736	-.00380	-.01400	-.03100	.63100	.05303
.200	5.040	-.02320	-.03490	.05330	.99490	-.05991	-.00100	-.01900	-.06500	.63200	.03103
.200	7.040	-.02090	-.04160	.04730	1.00300	-.05929	.00270	-.02520	-.10400	.63400	.05328
.200	9.560	-.01610	-.04990	.03280	1.01530	-.06291	.00760	-.03100	-.14500	.64000	.05382
.200	11.090	-.01080	-.05880	.01780	1.02810	-.06875	.01100	-.03580	-.18500	.64500	.05491
.200	GRADIENT	-.00050	.00076	-.00022	.00215	-.00102	.00129	-.00272	-.01700	.00010	-.00012

DATE 01 MAR 73

TABULATED SOURCE DATA - 0A1198

0A1198 862C18F10H16N28W127E33V8 R5 X9

(RF9202) (18 NOV 74)

REFERENCE DATA

SREF = 2899.9199 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 378.0000 INCHES
 SCALE = .0409 SCALE

BETA = .000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = -10.000 SPCBRK = 85.000

PARAMETRIC DATA

RUN NO. 202/ 0 RNL = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.470	.04930	.03110	.06810	-.53000	.01207	.00710	-.00550	-.02000	.69700	.05703
.200	-8.360	.04300	.02740	.06330	-.44650	.02580	.00760	-.00470	-.02000	.70600	.05616
.200	-6.250	.03960	.02370	.06330	-.34900	.03942	.00730	-.00450	-.01900	.71900	.05534
.200	-4.140	.03870	.02050	.06400	-.25020	.05187	.00700	-.00420	-.01800	.74600	.05343
.200	-2.030	.03800	.01820	.06370	-.16070	.05666	.00670	-.00400	-.01600	.79800	.05283
.200	.070	.03680	.01670	.06480	-.06430	.06052	.00620	-.00390	-.01500	1.02300	.05234
.200	2.080	.03570	.01480	.06600	.02540	.05927	.00570	-.00360	-.01400	-.30100	.05142
.200	4.200	.03440	.01260	.06790	.12120	.05465	.00520	-.00360	-.01200	.53600	.04940
.200	6.330	.03180	.00920	.06840	.21780	.04519	.00460	-.00320	-.01000	.57000	.04751
.200	8.290	.02700	.00310	.06880	.31030	.03432	.00380	-.00290	-.00700	.59000	.04625
.200	10.430	.02210	.00030	.07040	.41040	.01925	.00330	-.00240	-.00600	.59800	.04642
.200	12.490	.01700	-.00410	.07460	.50610	.00364	.00270	-.00240	-.00400	.60700	.04827
.200	14.570	.01170	-.01240	.07520	.61150	-.01236	.00220	-.00260	-.00200	.61700	.04958
.200	16.730	-.00100	-.02140	.06920	.73860	-.02968	.00190	-.00220	-.00200	.62400	.05103
.200	18.770	-.01280	-.02050	.06500	.85520	-.04693	.00200	-.00410	-.00100	.63000	.05256
.200	20.860	-.02410	-.02840	.05880	.97650	-.06379	.00180	-.00560	-.00100	.63500	.05688
.200	23.040	-.04590	-.04430	.05030	1.09850	-.06472	-.00440	-.00760	.01200	.63800	.06184
.200	25.170	-.04410	-.05470	.04650	1.21520	-.07558	-.00250	-.00630	.01400	.63000	.06184
GRADIENT		-.00053	-.00093	.00049	.04487	.00033	-.00022	.00008	.00068	-.08134	-.00051

Q01198 B68C12F10H16X20N127E55V8 R5 X9

(RF9203) (18 NOV 74)

REFERENCE DATA

BREF = 2600.0100 50-FT. YMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6000 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = -10.000 SFCBRK = 85.000

RUN NO. 203/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CV	XCF/L	CAB
.200	-3.990	.04210	.01700	.06330	-.06290	.05780	.00120	-.00150	.06900	1.02200	.05167
.200	-2.970	.04010	.01670	.06480	-.06590	.05995	.00380	-.00300	.03500	1.01400	.05152
.200	-2.319	.03900	.01670	.06380	-.06720	.06056	.00460	-.00320	.01800	1.01200	.05212
.200	-1.000	.03780	.01670	.06360	-.06710	.06193	.00520	-.00390	.00200	1.01100	.05104
.200	.000	.03680	.01660	.06470	-.06770	.06010	.00610	-.00400	-.01400	1.00400	.05261
.200	1.000	.03560	.01660	.06330	-.06830	.06066	.00700	-.00420	-.03000	1.00400	.05197
.200	2.020	.03440	.01650	.06300	-.06710	.06011	.00820	-.00450	-.04900	1.00900	.05145
.200	3.020	.03320	.01640	.06440	-.06610	.05931	.00930	-.00490	-.06600	1.01000	.05137
.200	5.170	.03120	.01640	.06400	-.06370	.05822	.01190	-.00630	-.10200	1.02200	.05018
.200	7.060	.02930	.01640	.06140	-.06110	.05486	.01370	-.00840	-.13900	1.02200	.04994
.200	9.070	.02800	.01640	.05950	-.05730	.05202	.01940	-.01020	-.17600	1.03400	.04923
.200	11.110	.02680	.01630	.05310	-.04980	.04464	.02350	-.01210	-.21500	1.04400	.04978
GRADIENT	-.00129	-.00006	-.00006	.00000	-.00007	-.00003	.00100	-.00042	-.01673	-.00030	-.00011

041198 862C12F:JH16N28H127E35V8 R5 X9

(NF9204) (18 NOV 74)

REFERENCE DATA

SRFP = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.0100 INCHES YMRP = .0000 INCHES
 BRFP = 936.6800 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = -10.000 SPDRK = 89.000

RUN NO. 204/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CV	KCF/L	CAB
.200	-1.030	.03820	.01010	.06270	.17230	.04829	-.00020	.00210	.07400	.51800	.05109
.200	-2.990	.03640	.01040	.06500	.16970	.04871	.00220	-.00060	.03900	.51100	.05013
.200	-2.010	.03540	.01060	.06670	.16690	.05029	.00310	-.00150	.02300	.50500	.05001
.200	-1.980	.03440	.01090	.06940	.16530	.05231	.00360	-.00240	.00600	.49700	.04842
.200	.000	.03320	.01100	.06790	.16610	.05134	.00460	-.00340	-.01000	.50100	.04830
.200	1.010	.03200	.01120	.06820	.16550	.05162	.00540	-.00440	-.02700	.50000	.04874
.200	2.020	.03060	.01130	.06550	.16700	.04995	.00670	-.00550	-.04300	.50700	.04899
.200	3.030	.02920	.01140	.06350	.16960	.04761	.00810	-.00680	-.06300	.51400	.05042
.200	5.440	.02670	.01140	.06250	.17000	.04738	.01050	-.00930	-.09000	.51600	.04500
.200	7.060	.02390	.01130	.06410	.17210	.04628	.01410	-.01250	-.13600	.51900	.04896
.200	9.080	.02210	.01140	.06190	.17400	.04392	.01760	-.01570	-.17200	.52100	.04752
.200	11.100	.02130	.01230	.05840	.18130	.03746	.02180	-.01910	-.21100	.53700	.04813
GRADIENT		-.00116	.00014	-.00012	-.00015	.00001	.00102	-.00109	-.01702	.00008	-.00013

(INF9205) (18 NOV 74)

0A1198 868C18F10M16N28W187E55V8 R5 :9

REFERENCE DATA

SRP = 2880.8100 38.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 SRP = 936.6800 INCHES ZMRP = 373.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = -10.000 SPDRK = 89.000

RUN NO. 205/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHME1	CHME0	CLM	CN	CAF	CYN	CBL	CV	XCP/L	CAB
.200	-3.030	.02720	-.00070	.06270	.41440	.01398	-.00140	.00730	.07700	.59600	.04924
.200	-2.995	.02520	-.00030	.06730	.41200	.01716	.00080	.00290	.04400	.59200	.04653
.200	-2.910	.02400	-.00010	.06360	.41080	.01933	.00150	.00110	.02700	.59000	.04701
.200	-.995	.02300	.00000	.07110	.40870	.01993	.00220	-.00060	.01100	.58800	.04666
.200	.000	.02180	.00010	.07040	.41030	.01993	.00300	-.00250	-.00500	.58900	.04617
.200	1.000	.02080	.00040	.07000	.40880	.02044	.00390	-.00440	-.02100	.58900	.04633
.200	2.010	.01980	.00060	.06770	.41100	.01860	.00520	-.00660	-.04000	.59100	.04679
.200	3.020	.01900	.00120	.06810	.41020	.01957	.00600	-.00850	-.05600	.59100	.04533
.200	5.070	.01640	.00180	.06230	.41330	.01568	.00880	-.01310	-.09300	.59600	.04726
.200	7.080	.01310	.00230	.05910	.41840	.01270	.01260	-.01830	-.13000	.60000	.04856
.200	9.060	.00990	.00240	.05400	.42540	.00839	.01620	-.02300	-.16800	.60300	.04950
.200	11.100	.00880	.00230	.04960	.43050	.00472	.02050	-.02770	-.20600	.60900	.05016
	GRADIENT	-.00106	.00024	-.00002	-.00013	.00024	.00096	-.00198	-.01675	.00000	-.00018

CATE 01 MAR 75 TABULATED SOURCE DATA - 041193

(HP9208) (18 NOV 74)

041198 868C10P10M:8N28W12E35V8 R5 X8

REFERENCE DATA

REF = 2890.0100 50.FT. XMRP = 1076.0000 INCHES
 LREF = 474.8100 1-INCHES YMRP = .0000 INCHES
 RREF = 936.0000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 15.000 80FLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = -10.000 SPDGRK = 85.000

RUN NO. 206/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHWEI	CHWEO	CLM	CN	CAF	CYN	CBL	CY	KCF/L	CAB
.200	-5.030	.01210	-.01650	.06730	.67330	-.02379	-.00240	.00850	.00000	.61300	-.04769
.200	-2.990	.01190	-.01700	.06980	.67330	-.02282	-.00040	.00340	.04900	.61400	-.04804
.200	-2.010	.01070	-.01760	.07130	.67310	-.02187	.00020	.00150	.03200	.61300	-.04953
.200	-.990	.00850	-.01780	.07260	.67130	-.02067	.00110	-.00030	.01500	.61200	-.04934
.200	.000	.00610	-.01780	.07330	.67050	-.02039	.00190	-.00210	-.00100	.61200	-.04905
.200	1.010	.00270	-.01740	.07210	.67270	-.01995	.00270	-.00410	-.01900	.61200	-.04828
.200	2.010	-.00210	-.01700	.06990	.67500	-.02085	.00390	-.00640	-.03700	.61400	-.04794
.200	3.020	-.00270	-.01640	.06740	.67760	-.02134	.00450	-.00860	-.00300	.61500	-.04709
.200	5.060	-.00370	-.01530	.06330	.68180	-.02283	.00370	-.01390	-.00600	.61800	-.04645
.200	7.560	-.00630	-.01340	.05600	.68960	-.02665	.00990	-.02030	-.12400	.62200	-.04863
.200	9.090	-.00600	-.01190	.04490	.69950	-.03346	.01490	-.02690	-.16200	.62800	-.04908
.200	11.090	-.00470	-.01190	.03430	.71090	-.03972	.01870	-.03240	-.20000	.63400	-.05120
GRADIENT	-.00204	-.00204	.00012	-.00039	.00065	.00015	.00082	-.00213	-.01666	.00026	-.00017

DATE 01 MAR 79

TABULATED SOURCE DATA - 0A1198

PAGE 188

0A1198 868C12F10H16N20W127E55V8 R5 X9

(RF9207) (18 NOV 74)

REFERENCE DATA

SIZE = 2690.0100 56-FT. HMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .2495 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = -10.000 SPDBRK = 85.000

GUN NO. 207/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-5.040	-.02120	-.03810	.05390	.96920	-.04998	-.00990	.00630	.09500	.63100	.05148
.205	-2.990	-.02420	-.03660	.05710	.97050	-.05124	-.00780	.00070	.06200	.63000	.03259
.205	-2.524	-.02530	-.03510	.05760	.97320	-.05137	-.00690	-.00170	.04600	.63000	.03442
.205	-1.510	-.02680	-.03310	.05740	.97680	-.05164	-.00320	-.00450	.02800	.63000	.03413
.205	-.020	-.02790	-.03130	.05760	.97790	-.05262	-.00410	-.00730	.01100	.63000	.03411
.205	.990	-.02870	-.02970	.05700	.97940	-.05357	-.00270	-.01050	-.00600	.63000	.03360
.205	2.505	-.02960	-.02820	.05730	.98420	-.05634	-.00160	-.01330	-.02300	.63100	.03303
.205	3.000	-.02960	-.02790	.05200	.98990	-.05852	-.00020	-.01570	-.03900	.63200	.03224
.205	5.030	-.02540	-.03500	.05050	.99330	-.06113	.00240	-.02030	-.07200	.63300	.04914
.205	7.060	-.02130	-.04140	.04210	1.00230	-.06181	.00590	-.02680	-.11100	.63600	.05162
.205	9.570	-.01690	-.05020	.02750	1.02170	-.06660	.01190	-.03340	-.15400	.64200	.05318
.205	11.580	-.01100	-.05910	.01400	1.03190	-.07192	.01460	-.03800	-.19300	.64700	.05532
GRADIENT	-.00062	-.00062	.00075	-.00060	.00244	.00114	.00124	-.00271	-.01672	.00023	-.00021

GA1198 B82C12F10H16N20W127E35V8 R1919

(HF9208) (18 NOV 74)

REFERENCE DATA

SREF = 2650.0100 SQ.FT. XMRP = 1076.6800 INCHES
 YREF = 474.8100 INCHES YMRP = .0000 INCHES
 ZREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0005 SCALE

PARAMETRIC DATA

BETA = .000 BCFAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SFDBRK = 25.000

RUN NO. 208/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CMC1	CMC2	CMC3	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.420	.04990	.03060	.02580	.02580	-.51110	-.01681	.00020	-.00170	-.00200	.67000	.03977
.250	-8.340	.04370	.02700	.02330	.02330	-.41000	-.00366	.00070	-.00110	-.00200	.67300	.03937
.300	-6.240	.04040	.02340	.02150	.02150	-.31340	.00946	.00090	-.00110	-.00200	.67700	.03894
.350	-4.100	.03970	.02030	.02100	.02100	-.21550	.01997	.00110	-.00100	-.00200	.68000	.03836
.400	-2.090	.03890	.01810	.02060	.02060	-.12610	.02535	.00080	-.00100	-.00100	.71200	.03806
.450	.000	.03780	.01660	.02070	.02070	-.03090	.02749	.00090	-.00110	-.00100	.89800	.03789
.500	2.130	.03660	.01470	.02050	.02050	.06320	.02576	.00070	-.00120	.00000	.53600	.03754
.550	4.240	.03510	.01240	.02050	.02050	.16120	.01962	.00050	-.00130	.00000	.60500	.03656
.600	6.290	.03250	.00910	.02030	.02030	.25350	.01028	.00030	-.00140	.00100	.62200	.03570
.650	8.400	.02710	.00450	.01900	.01900	.35320	-.00382	.00000	-.00140	.00200	.63200	.03634
.700	10.390	.02280	.00010	.02110	.02110	.44920	-.01786	-.00020	-.00090	.00400	.63400	.03680
.750	12.530	.01770	-.00450	.02440	.02440	.54870	-.03410	-.00050	-.00130	.00500	.63500	.03793
.800	14.580	.01220	-.01280	.02450	.02450	.65140	-.04930	-.00080	-.00150	.00600	.63600	.03919
.850	16.680	.00510	-.02140	.01850	.01850	.77480	-.06736	-.00110	-.00150	.00700	.64300	.04252
.900	18.780	-.01250	-.02090	.01360	.01360	.89710	-.08423	-.00110	-.00370	.00700	.64600	.04430
.950	20.890	-.02390	-.02910	.01010	.01010	1.01580	-.09958	-.00120	-.00440	.00800	.64800	.04628
.200	23.070	-.04570	-.04500	.00330	.00330	1.13620	-.09725	-.00720	-.00610	.01900	.65100	.05045
.250	25.090	-.04480	-.05480	-.00080	-.00080	1.24810	-.10720	-.00650	-.00530	.02300	.65200	.05454
.300	GRADIENT	-.00055	-.00092	-.00005	-.00005	.04520	-.00003	-.00006	-.00004	.00024	-.01661	-.00022

Q41108 868C12F10M16N20W127E35V8 R1019

(RF9209) (18 NOV 74)

REFERENCE DATA

REF = 2600.0100 SQ.FT. XMRP = 1076.6000 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6000 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0475 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SFD8RK = 25.000

RUN NO. 209/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMET	CHMEQ	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-3.060	.04310	.01690	.01860	-.02360	.02340	-.00860	.00340	.00900	.89900	.03633
.200	-3.560	.04090	.01670	.01850	-.02740	.02649	-.00370	.00140	.01300	.90100	.03794
.200	-2.530	.03690	.01670	.01980	-.02930	.02709	-.00180	.00030	.01400	.90100	.03780
.200	-1.500	.03890	.01660	.02050	-.03030	.02718	-.00040	-.00040	.01700	.90100	.03625
.200	.500	.03770	.01660	.02100	-.03150	.02790	.00090	-.00120	.00000	.89800	.03737
.200	1.510	.03660	.01650	.02070	-.03090	.02757	.00230	-.00190	-.01900	.89800	.03772
.200	2.500	.03350	.01650	.01980	-.03160	.02715	.00360	-.00270	-.03600	.86300	.03758
.200	3.510	.03430	.01650	.01870	-.03040	.02591	.00560	-.00340	-.03400	.87800	.03849
.200	5.540	.03230	.01640	.01580	-.02570	.02352	.00930	-.00530	-.03100	.87800	.03839
.200	7.060	.03030	.01650	.01190	-.02220	.01976	.01170	-.00720	-.12800	.84900	.03851
.200	9.080	.02860	.01640	.00740	-.01760	.01486	.01530	-.00900	-.16600	.80300	.03936
.200	11.090	.02720	.01640	.00390	-.00990	.00985	.01880	-.01080	-.20400	.79800	.04096
.200	GRADIENT	-.00100	-.00005	.00001	-.00031	-.00001	.00146	-.00063	-.01773	-.00270	.00001

041198 862C12F10M16N20W127E55V8 R19X9

(R19210) (18 NOV 74)

REFERENCE DATA

BREF = 2699.9100 SQ.FT. XMRP = 1076.8800 INCHES
 LREF = 474.9100 INCHES YMRP = .0000 INCHES
 BREF = 936.6900 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BDELAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPOBRK = 23.000

RUN NO. 210/ 0 RN/L = 1.42 GRADIENT INTERVAL = -8.00/ 6.00

MACH	BETA	CHMET	CHMEO	CLW	C _L	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-5.030	.03510	.00990	.01560	.21080	.01125	-.00710	-.00610	.09100	.62500	.03852
.220	-3.020	.03730	.01030	.01840	.20880	.01409	-.00380	.00270	.05500	.61900	.03735
.240	-2.020	.03640	.01050	.01970	.20670	.01468	-.00250	.00130	.03800	.61700	.03734
.260	-1.020	.03520	.01070	.02040	.20580	.01564	-.00100	.00000	.01900	.61500	.03650
.280	-.010	.03450	.01090	.02080	.20450	.01581	.00020	-.00140	.00200	.61400	.03607
.300	1.000	.03280	.01110	.02060	.20390	.01540	.00190	-.00290	-.01600	.61500	.03640
.320	3.000	.03190	.01120	.01920	.20470	.01554	.00310	-.00440	-.03400	.61700	.03634
.340	5.000	.03010	.01130	.01830	.20630	.01415	.00430	-.00550	.61900	.61900	.03746
.360	7.000	.02730	.01120	.01550	.20840	.01211	.00720	-.00850	-.08800	.62400	.03807
.380	9.000	.02470	.01110	.01140	.21270	.00834	.01080	-.01170	-.12600	.63200	.03837
.400	11.000	.02280	.01130	.00710	.21730	.00284	.01460	-.01520	-.16400	.64000	.04037
.420	13.000	.02190	.01230	.00440	.22210	-.00125	.01870	-.01900	-.20300	.64400	.04139
GRADIENT	-.00110	.00014	.00014	-.00002	-.00032	.00008	.00140	-.00142	-.01775	-.00006	-.00000

0A1198 868C12F10H16H20W127E38V8 R10X10

(RF9811) (18 NOV 74)

REFERENCE DATA

BREF = 2000.0100 80-FT. ZMRP = 1076.6800 INCHES
 LINEP = 474.8100 INCHES YMRP = .0000 INCHES
 BREF = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDPLAP = .000
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 211/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHWEI	CHWEO	CLM	CN	CAF	CYN	CBL	CY	KCF/L	CAS
.200	-3.560	.02800	-.00090	.01610	.45230	-.02101	-.00630	.01110	.09400	.63900	.03829
.200	-3.510	.02590	-.00060	.01880	.45040	-.01831	-.00490	.00610	.05900	.63600	.03829
.200	-2.520	.02460	-.00030	.02040	.44980	-.01797	-.00350	.00370	.04200	.63500	.03665
.200	-1.520	.02370	-.00020	.02100	.44900	-.01766	-.00190	.00140	.02400	.63500	.03667
.200	.000	.02240	-.00010	.02100	.44760	-.01753	-.00030	-.00090	.00300	.63500	.03656
.200	1.510	.02150	.00000	.02070	.44760	-.01726	.00100	-.00320	-.01300	.63500	.03646
.200	2.510	.02070	.00040	.02020	.44650	-.01751	.00250	-.00370	-.03100	.63500	.03632
.200	3.520	.01970	.00090	.01900	.44800	-.01812	.00360	-.00810	-.04800	.63600	.03785
.200	5.560	.01750	.00140	.01550	.45180	-.02004	.00670	-.01300	-.08500	.63900	.03972
.200	7.570	.01370	.00200	.01180	.45610	-.02358	.00970	-.01800	-.12500	.64200	.04164
.200	9.100	.01030	.00200	.00690	.46210	-.02655	.01270	-.02260	-.15800	.64600	.04358
.200	11.100	.00900	.00210	.00430	.46740	-.02892	.01730	-.02790	-.19700	.64800	.04500
GRADIENT		-.00106	.00222	-.00004	-.00017	.00009	.00146	-.00237	-.01776	.00000	-.00003

DATE 01 MAR 75

TABULATED SOURCE DATA - 0A1198

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0A1198 862C12F10M16N26U12E55V8 R19X9

(R09212) (18 NOV 74)

REFERENCE DATA

SRFP = 2692.0100 SQ.FT. XMRP = 1076.6800 INCHES
LREF = 474.8100 INCHES YMRP = .0000 INCHES
SREF = 936.6800 INCHES ZMRP = 3'9.0000 INCHES
SCALE = .2400 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BCFLAP = .000
ELV-LO = .000 ELV-LI = .000
ELV-RI = .000 ELV-RO = .000
RUDDER = .000 SPCBRK = 25.000

RUN NO. 212/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMEI	CHMEO	CLM	CN	CAF	CYN	CBL	CY	KCP/L	CAB
.200	-5.040	.01240	-.01700	.01530	.71790	-.06180	-.00870	.01150	.09700	.64400	.03926
.200	-3.550	.01250	-.01760	.01970	.71400	-.05953	-.00610	.00610	.06300	.64200	.04007
.200	-2.030	.01110	-.01800	.02090	.71160	-.05883	-.00410	.00320	.04300	.64100	.03959
.200	-1.390	.00910	-.01830	.02200	.71110	-.05828	-.00260	.00290	.02600	.64000	.04069
.200	.610	.00640	-.01830	.02200	.71250	-.05792	-.00130	-.00130	.00800	.64000	.04048
.200	.990	.00300	-.01770	.02130	.71250	-.05810	.00000	-.00370	-.01000	.64100	.04067
.200	2.010	.00000	-.01750	.01960	.71450	-.05843	.00140	-.00600	-.02900	.64200	.04033
.200	3.030	-.00220	-.01690	.01850	.71670	-.05869	.00290	-.00690	-.04700	.64200	.03942
.200	5.050	-.00510	-.01550	.01390	.71820	-.06038	.00500	-.01480	-.08100	.64300	.03901
.200	7.070	-.00770	-.01330	.00650	.72550	-.06409	.00820	-.02070	-.11700	.64800	.04226
.200	9.100	-.01190	-.01160	-.00120	.73220	-.06793	.01170	-.02590	-.15200	.65200	.04362
.200	11.130	-.00460	-.01150	-.00680	.73960	-.07083	.01600	-.03270	-.19200	.65500	.04547
GRADIENT		-.00203	.00014	-.00020	.00021	.00012	.00139	-.00254	-.01786	.00010	-.00003

QJ1198 868C12F10M16N26W127E53V8 R10X9

(R09213) (18 NOV 74)

REFERENCE DATA

SRF = 2690.0100 SQ.FT. XMRP = 1076.6800 INCHES
 LREF = 474.8100 INCHES YMRP = .0000 INCHES
 BRP = 936.6800 INCHES ZMRP = 375.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BOFLAP = .050
 ELV-LO = .000 ELV-LI = .000
 ELV-RI = .000 ELV-RO = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 213/ 0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CHMET	CHNEO	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-3.050	-.02300	-.03600	.00420	1.00840	-.06621	-.01720	.00890	.11100	.65000	.04502
.200	-3.020	-.02500	-.03760	.00660	1.01200	-.06631	-.01380	.00290	.07500	.64900	.04633
.200	-2.910	-.02800	-.03600	.00690	1.01550	-.06720	-.01130	-.00040	.05600	.64900	.04727
.200	-1.010	-.02760	-.03390	.00720	1.01480	-.06734	-.00930	-.00380	.03800	.64900	.04755
.200	.010	-.02850	-.03220	.00780	1.01670	-.06832	-.00730	-.00710	.01900	.64900	.04734
.200	.990	-.02910	-.03040	.00850	1.01690	-.06893	-.00560	-.01060	.00100	.64900	.04681
.200	2.520	-.03040	-.02930	.00730	1.02040	-.06922	-.00400	-.01400	.01600	.64900	.04625
.200	3.010	-.03070	-.02930	.00580	1.02610	-.06979	-.00190	-.01720	-.03500	.65000	.04565
.200	5.030	-.02600	-.03350	.00100	1.03120	-.06675	.00210	-.02200	-.07100	.65100	.04365
.200	7.560	-.02140	-.04190	-.00750	1.03880	-.06887	.00530	-.02760	-.10800	.65400	.04632
.200	9.080	-.01630	-.05040	-.01750	1.05020	-.06999	.00980	-.03390	-.15000	.65800	.04812
.200	11.120	-.01080	-.05950	-.02680	1.06020	-.07091	.01280	-.03820	-.18900	.66100	.04975
.200	GRADIENT	-.00054	.00074	-.00021	.00214	-.00098	.00191	-.00316	-.01807	.00010	-.00015

